

# **ONE THOUSAND PROFESSIONS AND ONE MILLION JOBS**

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# ONE MILLION JOBS



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**2, Doctors Lane, New Delhi.**



*By the same Author*

A Handbook of Parent Teacher Association

A Handbook of School Projects

To

Sukhdev, Jeevan, Sunil and Neelam

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## PREFACE

This Handbook aims at giving at a glance and in a succinct form all possible information on the opportunities available for training and employment in the various professional and technical vocations open to young men looking for suitable careers in India. With the expansion of economic activity in this era of planning the opportunities for new careers have grown considerably. There are professions that are already overcrowded and new professions where there is a shortage of suitably qualified men. What are those new professions and careers? What is their future scope? What are the facilities available for training to acquire the necessary qualifications taking up those careers? This small book aims at answering these essential questions which are exercising the minds of young men who have finished their education and are about to take up a career, and their parents. The book, I trust, would prove a helpful guide for them.

My warm thanks go to each one of the many, many friends particularly Shri Gautam Grover who have made possible this collection of material.

A. K. SAHNI



## Contents

### Preface

## BOOK ONE

### Chapter One

List of Professions & Vocations	... 1
---------------------------------	-------

### Chapter Two

#### What you can be

Careers & Vocations for Literates	... 16
"    "    " Under Matric	... 16
"    "    " Matriculates	... 16
"    "    " Intermediates	... 17
"    "    " Graduates	... 17
"    "    " B.A. (Hons.) or M. A. in Economics	... 18
"    "    " Literature Honours or M.A. in Languages	... 18
"    "    " B.A. (Hons.) or M.A. or M.Sc. in Mathematics	... 19
"    "    " B.Sc. (Hons.) or M. Sc. in Physics	... 19
"    "    " B.Sc. (Maths. & Physics)	... 20
"    "    " B.Sc. (Chemistry)	... 20
"    "    " B.Sc. (Hons.) or M.Sc. Chemistry	... 20
"    "    " B. Sc. Technology or M.Sc. Technology Chemistry	... 21
"    "    " B.Sc. (Hons.) or M.Sc. (Botany)	... 21
"    "    " B. Sc. (Hons.) or M.Sc. (Zoology)	... 22
"    "    " B.Sc. (Botany) and B.Sc. Zoology	... 22
"    "    " B. Sc. Botany/Zoology/Agriculture/Chemistry	... 22
"    "    " Social Work, Social Sciences or Sociology	... 23
"    "    " Law Graduates	... 23
"    "    " Accountants	... 23
"    "    " Psychology Graduates	... 24
"    "    " B.A. Hons. or M.A. Geography	... 24
"    "    " Graduates in Metallurgy	... 24
"    "    " Graduates in Commerce	... 24
"    "    " B.A. Hons. or M.A. in Politics	... 24
"    "    " B.A. Hons. or M.A. in History	... 24
"    "    " Labour Welfare	... 24



Avenues of Employment for Statisticians	... 24
Scope for Veterinary Science	... 25
Meteorology as a Career	... 25
Careers in Atomic Energy Establishment, Trombay	... 26
Careers in Pharmacy	... 26
Careers in Animal Husbandry, Dairying and Vet. Science	... 27
Careers in Agriculture	... 27
Careers for Women	... 28
Training for Disabled and Handicapped	... 29

## BOOK TWO

### CAREERS AND JOBS

<b>Chapter One</b>	...	33
(A) Careers in Armed Forces	...	40
(B) Careers in Indian Railways	...	46
(C) Careers in Community Development	...	49
(D) Careers in Police	...	51
(E) Careers in P & T Deptt.	...	51

#### Chapter Two

##### Jobs and Scales of Pay

Where to seek a Clerical/Administrative Job	... 53
Jobs in Customs Department	... 53
Jobs in Survey of India	... 54
Jobs in Geological Survey of India	... 54
Jobs in Tariff Commission	... 55
Careers in Petroleum Industry	... 55

## BOOK THREE

### PROFESSIONS & TECHNICAL TRAINING

#### Chapter One

##### Medical and Allied Subjects

(A) List of Colleges Offering Graduate Course in Medicine & Surgery	... 59
(B) Ayurvedic Colleges	... 62
(C) Medicine and Public Health (Diploma Course)	... 65
(D) List of Institutions for Unani Courses	... 69
(E) List of Institutions for Nursing Courses	... 70
(F) Pharmaceutical Educational Institutions in India	... 72
(G) Miscellaneous	... 73

#### Chapter Two

##### Engineering & Technology

(A) Diploma Course in Civil, Electrical and Mechanical Engineering	... 76
--	--------

(B) Draughtsmanship	...	82
(C) Industrial Training Institutes	...	83
(D) Engineering Colleges	...	86
(E) Engineering (Other Branches)	...	89
(F) Technology	...	98

### Chapter Three

#### Teaching and Allied Subjects

(A) Teachers Training Institutions (Post-Graduate Course)	...	104
(B) Teachers Training Institutes (Dip. in Basic Education or Home Science or Arts)	...	109
(C) Librarianship/Library Science	...	112
(D) Music	...	113
(E) Home Science and Domestic Science	...	115
(F) Social Science (Sociology) and Social Work	...	116
(G) Arts and Crafts and Fine Arts	...	118
(H) Physical Education	...	120
(I) Rural Service	...	121
(J) Miscellaneous	...	122

### Chapter Four

#### AGRICULTURAL AND ALLIED COURSES

(A) List of Agriculture Colleges	...	124
(B) Institutions Offering Certificate and Diploma Course	...	126
(C) Degree Course-Veterinary Science and Animal Husbandry	...	127
(D) Dairy Education	...	128
(E) Miscellaneous	...	129
(F) Fisheries	...	131
(G) Careers in Forestry	...	132

### Chapter Five

#### HIGHER STUDIES

(A) Institutes for Higher Studies in Medicine	...	134
(B) Institutes for Higher Studies in Agriculture and Vet. Science	...	136
(C) Institutes for Higher Studies in Teachers Training	...	137
(D) Institutes for Higher Studies in Engg. and Technology	...	139
(E) Institutes for Higher Studies in Social Science, Literature and Science	...	141
(F) Miscellaneous	...	142



**Chapter Six****RESEARCH INSTITUTES**

(A) Research Institutes in Agriculture	... 143
(B) Research Institutes in Science	... 145
(C) Research Institutes in Engg. & Technology	... 147
(D) Research Institutes in Humanities	... 148
(E) Research Institutes in Medicine	... 150
(F) Industrial Research Institutes	... 151

**Chapter Seven****TECHNICAL TRG. FACILITIES IN INDIA**

... 152

**BOOK FOUR****COURSES, EXAMS AND SCHOLARSHIPS****Chapter One**

(A) Famous Indian Universities and their Courses	... 169
(B) Private Exams. Conducted by Universities and Boards	... 172
(C) Famous Foreign Universities and their Courses	... 173
(D) Some Famous Institutions and the Courses they Conduct	... 179
(E) Professional Institutes for Postal Courses	... 183
(F) Union Public Service Commission and States Public Service Exams.	... 186
(G) Famous Departmental Exams.	... 191

**Chapter Two****Information for Indian Students Going Abroad**

...195

**Chapter Three****Scholarships in India and Abroad for Studies and Training**

220

**BOOK FIVE****GENERAL INFORMATION FOR JOBS****Chapter One**

(A) List of Reputed Indian and Foreign Companies	... 229
(B) List of some Semi-Govt. Organisations	... 231
(C) List of Banks	... 232
(D) List of Insurance Companies	... 233
(E) List of Newspapers	... 234
(F) List of Ordnance Factories	... 234
(G) List of Embassies in New Delhi	... 235

**Chapter Two**

(A) For Further Information	... 237
(B) Abbreviations used in the Book	... 239
Important Note	... 240

GENERAL INFORMATION FOR JOBS

BOOK IV  
GENERAL INFORMATION FOR JOBS

- Chapter 1
- (A) General Information and Job Description
  - (B) General Information and Job Description
  - (C) General Information and Job Description
  - (D) General Information and Job Description
  - (E) General Information and Job Description
  - (F) General Information and Job Description
  - (G) General Information and Job Description
  - (H) General Information and Job Description
  - (I) General Information and Job Description
  - (J) General Information and Job Description

- Chapter 2
- (A) General Information and Job Description
  - (B) General Information and Job Description
  - (C) General Information and Job Description
  - (D) General Information and Job Description
  - (E) General Information and Job Description
  - (F) General Information and Job Description
  - (G) General Information and Job Description
  - (H) General Information and Job Description
  - (I) General Information and Job Description
  - (J) General Information and Job Description

BOOK V  
GENERAL INFORMATION FOR JOBS

- Chapter 3
- (A) General Information and Job Description
  - (B) General Information and Job Description
  - (C) General Information and Job Description
  - (D) General Information and Job Description
  - (E) General Information and Job Description
  - (F) General Information and Job Description
  - (G) General Information and Job Description
  - (H) General Information and Job Description
  - (I) General Information and Job Description
  - (J) General Information and Job Description

- Chapter 4
- (A) General Information and Job Description
  - (B) General Information and Job Description
  - (C) General Information and Job Description
  - (D) General Information and Job Description
  - (E) General Information and Job Description
  - (F) General Information and Job Description
  - (G) General Information and Job Description
  - (H) General Information and Job Description
  - (I) General Information and Job Description
  - (J) General Information and Job Description



## LIST OF PROFESSIONS AND TRADES

- |                                   |                                  |
|-----------------------------------|----------------------------------|
| Accompanist                       | Archives Keeping                 |
| Accountant (Tax Accountant,       | Armament Artificer               |
| Certified Public Accountant,      | Armature Winding                 |
| Cost Accountant)                  | Armour Electrician MV            |
| Accounting or Calculating         | Army                             |
| Machine Operator/Repairman/       | Art Appraiser                    |
| Salesman/Dealer                   | Arts Course (Arts and Crafts)    |
| Acoustician                       | Art Librarian                    |
| Actor                             | Art Master                       |
| Actress                           | Article Writing                  |
| Addressing Clerk                  | Artificial Eyes-Maker            |
| Addressing Machine Operator       | Artificer Excavating Machinery   |
| Adjuster of Insurance Claims      | Artisan                          |
| Adult Education Director          | Artisan Apprenticeship (Rly.)    |
| Advertising (Advertising Agent,   | Artisan (Leather)                |
| Advertising Layout Worker,        | Artist                           |
| Advertising Copy Writer,          | Artistic Leather Craft           |
| Advertising Illustrator, Adver-   | Assayer (analytical chemist)     |
| tising Manager)                   | Asstt. Signal Inspector          |
| Aerial Photographer               | Asstt. Station Master            |
| Agarbati making                   | Asstt. Pilot Instructor          |
| Agriculture                       | Assembler (Engine Parts)         |
| Agricultural Science              | Assembler of mechanical articles |
| Agricultural Statistics           | Astrology                        |
| Agronomist (Soil Chemist)         | Astronomy                        |
| Air Conditioning                  | Athletic Coach                   |
| Air Force Services                | Attendant                        |
| Air Plane Designer                | Attendant in mental hospital     |
| Aircraft Maintenance              | Auctioneering and Estate Agency  |
| Air Hostess                       | Audit Clerk                      |
| Air Pilot                         | Auditor                          |
| All India Radio Services          | Author                           |
| Almoner                           | Automobile Dealer                |
| Anaesthetist                      | Automobile Designer              |
| Animal Husbandry                  | Automobile Engineering           |
| Anthropologist                    | Automobile Servicing             |
| Appraiser                         | Automobile Factory Worker        |
| Apprentice Supervisor of Beater   | Auto. Mechanic                   |
| House/Pulp House/Finishing        | Aviation Insurance               |
| House                             | Ayurved                          |
| Arboriculturist (Tree Cultivator) |                                  |
| Archaeologist                     | Bag Making                       |
| Architecture                      | Bailiff                          |
| Architecture (Naval)              | Baker                            |

Ballet Dancer	Book Keeping Machine Operator
Ballistic Expert	Book Publishing
Bamboo Work	Book Selling
Ban Work	Booking Agent
Bandmaster	Booking Clerk
Bangle Manufacturing	Boring
Banking	Botanical Artist
Bank Cashier	Botanist
Bank Teller	Brewing
Bank Officer	Brick Making
Banker	Brick Laying
Banking & Commercial Geography	Bridge Tender
Basketry	Broadcasting
Battery Charging	Broker
Battick Work	Brush Making
Bee Keeping	Budget Clerk
Bell Metal Smithy	Buffer
Beauty Culture	Building Contractor, Building
Beautician	Fireman, Building Manager,
Bed Sheets & Table Cloth	Building Painter, Building
Manufacturing	Superintendent
Bibliographer	Business Correspondence
Bidi Making	Business Executive
Bill Collector	Business Forecaster
Billing Clerk	Business Journalist
Biochemistry	Business Management
Biologist	Butcher
Blacksmithy (Hot Work)	Button Making
Blankets Making	
Blast Furnace Operator	Cabinet Making
Bleaching	Cable Engineer
Blight Control Specialist	Cafeteria Manager
Block Engraving	Calico Printing
Block Inspector	Camp Counselor
Blow Room, Speed Frame and	Canal Tender
Ring Frame Attendant	Candle Making
Blue Printer	Cane Work
Boarding House Keeper	Canvas Worker
Body Building (Motor) and	Cantonment Board Service
Upholstery	Cap Making
Boiler House Operator	Carburation
Boiler Plating	Cardboard Work
Boiler Engine (Maintenance and	Cardboard Box Maker
Attendant)	Card Colorer
Boiler Inspector	Carding
Boiler Maker	Carding (wool) Yarn Spinner
Boat Builder	Carpentry (Drawing and Joining)
Boat Repairman	Carriage and Wagon Building
Book Binder	and Repairs
Book Keeping	Carto Copper-plate Engraver



- Cartographer (map maker)  
 Cartoonist (Political Cartoonist,  
 Editorial Cartoonist)  
 Carving  
 Case Worker for Juvenile Court  
 Cataloger  
 Catering and Hotel Industry  
 Cemetery Caretaker  
 Cement Work  
 Census Taker  
 Ceramic Articles Modeller  
 Ceramic Figures Former  
 Ceramic Pottery Former—Caster,  
 Trimmer, Finisher  
 Ceramic Fine Grinder  
 Chargeman  
 Chef  
 Chauffeur  
 Chemical Company Worker  
 Chemical Engineering  
 Chemical Laboratory Assistant  
 Chemical Plant Construction  
 Chemical Works Design and  
 Management  
 Chemist and Druggist  
 Chick Manufacturing  
 Chicken Rancher  
 Child Psychologist  
 Child Welfare Worker  
 Chiropodist (Foot Doctor)  
 Chiropractor  
 Chitramurti Kala  
 Choir Master  
 Cinema Management  
 Cinema Operator  
 Cinematography  
 Cine Projector Operator  
 Circus Manager  
 City Directory Compiler  
 Civil Aviation Services  
 Classifier of Botanical and  
 Zoological Specimens  
 Claim Adjuster  
 Claim Appraiser  
 Claim Attorney  
 Clay Modelling  
 Clergyman  
 Clerk (Accounts, Actuarial,  
 Adjustment, Budget, Com-  
 plaints, Cost, Correspondence,  
 Credit, Exchange, Bill, Inven-  
 tory, Invoice)  
 Clinical Psychologist  
 Clock-face Printer  
 Clock Maker  
 Clothing Dealer  
 Clothes Designer  
 Coal Cutting  
 Coal Mining  
 Coal Mine Inspector  
 Coconut Cultivation  
 Coffee Trade  
 Coil Winder (Electric, Electro-  
 motor, Transformer)  
 Coir Extraction  
 Coir Goods Manufacturing  
 Coke Oven Foreman  
 Coke Oven Operator  
 Collector of Ballads  
 Colliery Superintendent  
 Colorist  
 Comedian  
 Commerce  
 Commercial Art  
 Commercial Artist  
 Commercial Assistant  
 Commercial Correspondence  
 Commercial Design Maker  
 Commercial Law  
 Commercial Practice  
 Commercial Printing  
 Community Centre Worker  
 Community Development Services  
 Complaint Adjuster  
 Composer of Music  
 Compositor (Hand Compositor,  
 Display Compositor)  
 Compounding  
 Comptometer Operator  
 Computer of Statistical Data  
 Concert Singer  
 Concrete Worker  
 Conductor (Bus, Rail)  
 Confectioner  
 Construction Inspector  
 Construction Worker  
 Consul  
 Controlman in Broadcasting  
 Station



- Controller (Financial Supervisor)
- Cook
- Cookery
- Cooking Teacher
- Cooper (Barrel Maker)
- Cooperation
- Cooperative Training
- Coppersmithy
- Copper-plate Printer
- Core Making
- Correctional Administration
- Cosmetics Manufacture
- Costume Designer
- Cotton and Rope Making
- County Demonstrator
- Cowboy
- Creche Attendant
- Credit Analyst
- Credit Manager
- Criminologist
- Crocket Work
- Crop Appraiser
- Cruise Director
- Crystal Cutter
- Curator of Art Gallery
- Curator of Museum
- Customs and Excise Officer
- Cutlery Manufacturing
- Cutlery Grinder
- Cutting
- Cycle Parts Manufacturing
- Cycle Repairs
- Dai
- Dairy Farming
- Dakota Aircraft Conversion Course
- Dancing
- Dance Master
- Dance Director
- Dance, Music and Drama
- Dark Room Assistant
- Darning
- Dealer (Hardware, farm implements, lumber and building material, household appliance, machinery, hosiery, merchandise)
- Dean
- Decorator
- Demonstrator
- Dental Assistant
- Dental Hygienist
- Dental Surgeon
- Dental Technician
- Dental Laboratory Assistant
- Dentistry
- Designer (Stage-set, Textile, Pottery, Wardrobe, Clothes, Floral, Fur, Hat, Costume, Memorial, Die, Fixture, Furniture, Industrial, Jewellery, Machinery, Exhibition)
- Detective
- Development and Design
- Die Casting
- Die Designing
- Die Fitting
- Die Making
- Die Press Work
- Die Sinking
- Diesel Engineering
- Dietician
- Diplomat
- Dog Breeder
- Domestic Science
- Door Mats Making
- Dramatic Art
- Dramatic Coach
- Dramatic Critic
- Dramatic Reader
- Dramatic Teacher
- Draughtsman (Architectural, Civil, Electrical, Estimating & Design, Field, Mechanical, Signals, Technical, Topographical)
- Drawing
- Drawing (Technical)
- Drawing Teacher
- Drawing and Surveying
- Drawing, Designing, Painting and Decorating
- Dress Designer
- Dress Maker
- Driving [Diesel Engine, Oil Engine, Electrical Engine, Tractors, Cranes, Tin Plant, Truck, I.C. Engine, Railway Engine, Steam Engine, Marine (F. C.), Marine (Steam), Taxi,



Motor, Plant & M.T., Recovery]  
 Drilling (crane) and maintenance  
 Drill Press Operator  
 Druggist  
 Drycleaner  
 Durry and Carpet Weaving  
 Dye Stuff Manufacturing  
 Dyer

Ear Rings Making  
 Economic Analyst  
 Economic Geographer  
 Economic Statistician  
 Economist  
 Editor (General Editor, Financial  
 Editor, Fashion Editor, Feature  
 Editor, Photography Editor,  
 Sports Editor, Editor of Art  
 Magazine, Editor of Art  
 Section in Newspaper)

Electric Bulb Manufacturing  
 Electrical and Automobile

Workshop

Electrical Communication

Electrical Component

Manufacturing

Electrical Examiner

Electrical Fitter

Electrical Installation

Electrical Research Engineer

Electrical Supervisor

Electrical Wiring

Electrician

Electrician AFV

Electrochemistry

Electro-depositor

Electronics Controller, Fitter and  
 Repairman

Electroplater

Electrotyper

Elevator Operator

Embalmer

Embroidery Designer

Enamelling

Enamelling Painter

Engine Artificer

Engineering (Aircrafts mainte-  
 nance, Aeronautical, Agricul-  
 ture, Automobile, Automotive,  
 Boiler, Chemical, Chemical

and Technology, Civil, Electri-  
 cal, Mechanical, Metallurgical,  
 Highways, Municipal, Textiles,  
 Sanitary, Mining, Kiln, Found-  
 ry, Marine, Internal Com-  
 bustion, Industrial Management,  
 Radio, Sugar, Railway, Sound,  
 Cinematography, Telecommu-  
 nication, Structural, Navigation,  
 Water, Gas, Locomotive,  
 Refrigeration, Public Work,  
 Heating and Ventilation, Pro-  
 duction, Power Plant, Illumi-  
 nating, Ceramics, Hydraulic,  
 Petroleum, Time and Motion  
 Study, City Planning, Station-  
 ary, Studio Engr. for Broad-  
 casting Station)

Engineering Insurance

Engraving

Entomologist (Insect specialist)

Erector

Erosion Specialist

Estate Manager

Estimator

Estimating Engineer

Ethnologist (specialist in races of  
 mankind)

Etymologist

Examination Scorer

Explorer

Export Trade

Extension Training

Factory Foreman

Factory Inspector

Factory Layout

Factory Manager

Factory Worker

Farmer (Sugarcane Raiser,

Tobacco Grower, Fruit Grower,

Grain Farmer, Cotton Farmer,

Dairy Farmer, Poultry Farmer,

Farm Hand, Harvest Hand)

Farm Adviser

Farm Bureau Agent

Fashion Artist

Fashion Drawing

Felt Maker

Fibre Work



Fiction Writing	Forest Department Services
Field Supervisor	Forestry Clerk
Figures Design Embroider	Forest Guard
File Clerk	Forest Preservation Instructor
Filer	Foundry Moulder
Filling Station Attendant	Foundry Processes
Fine Arts Teacher	Foundry Worker
Finger Print Classifier	Foundry Practice
Finish Photographer	Freight Agent
Fireman	Fruit Grower
Fireman (Distillers), Foot Plate	Fruit and Vegetable Packer
Working, Railway, Loco, Field,	Fruit Inspector and Checker
Test, Permanent Line	Fruit and Vegetable Preservation
Fire Insurance	Fuel Technology
Fireworks Manufacturing	Fur Designer
Fire Services	Fur Trade
First Aid Course	Furrier (Fur Tailor)
Fish Culturist	Furniture Design and Trade
Fish Hatcher	
Fishing Equipment Dealer	Gag Writer
Fishing Net Maker (Hand or	Game Warden
Machine)	Gatekeeper
Fisherman	Gatekeeper (Cinema)
Fisheries Training (Inland)	Garden Supplies Dealer
Fitter (Auto, Bench, Millwright,	Gardening
Boiler, Carriage, Wagon,	Gas Cutting
Electrical, Lantern, Loco,	Gas Engineering
Mechanical, Saw, Blacksmithy,	Gas Turbines
Coppersmithy, Structural, Tool	General Drawing
Room, Wheel Axle, Railways	Geographer
Signals, Signals)	Geology
Fitter Machinist	Geology (Applied)
Fixture Designer	Geophysics
Flame Cutter	Girdawar
Floor Manager	Glass Beads Making
Floral Designer	Glass Blower
Floriculturist (Flower Specialist)	Glass Engraver
Florist	Glass Etcher
Flour Miller	Glass Manufacture
Flying Course	Glass Sheet Manufacture
Folk Dance Instructor	Glazier (Glass Setter)
Foodstuff Manufacture	Glues
Food Trade	Gold Smith
Footwear and Shoe Maker	Governess
Foreign Language Interpreter	Gram Sevak
Foreign Language Teacher	Gram Sevika
Foreman (Construction, Trans-	Green House Keeper
portation, Communication,	Green House Specialist
Coke oven, Utilities)	Greens Keeper (Golf Course
Forestry	Worker)



Greeting Cards Designer & Writer	Hot Stamping and Forging
Grain Developer	Hotel Receptionist
Grinding Machine Operator and Setter	Hoteliering
Grinding (Precision) Heat Treatment	Hotel Management
Guard (Railway)	Housing Management
Gun-Barrel Fitter	Hunting Guide
Gun-Butt maker	Hydraulics
Gun-Surface Fine Polisher	Ichthyologist (Fish Specialist)
Gun-Surface Engraver	Illuminating Engineer
Gun Smith	Illustrator
Gunny Manufacturing	Income Tax Department Services
Gur Manufacturing	Income Tax Adviser
Grocer	Incubator Specialist
	Indian Banking
	Industrial Administration
Hand Composing	Industrial Chemistry
Hand Work	Industrial Designer
Handicraft Teacher	Industrial Electronics
Hair Dresser	Industrial Engineering
Half-tone Photographer	Industrial Health
Handloom Weaving	Industrial Hygiene
Hard Glass Grinder	Industrial Law
Hardware Dealer	Industrial Management
Harness Maker	Industrial Psychology
Hat Designer and Maker	Ink Man
Health Visitor	Ink Making
Heat Engine Driver	Inlay Work
Heat Production Controller & Tester	Inspection and Quality Control
Heat Treater	Inspecting Officer
Heating & Ventilating	Instalment Collector
Herb Grower	Instrumentation
Hides and Furs Dealer and Salesman	Instrument Mechanic Teletype
Hide Flaying	Insurance Salesman and Agent
Highway Engineer	Intelligence Tests Conductor
Historian	Interior Decorator
Holminthology Agriculture	Interior Furnishing and Design
Home Science Teacher	Interpreter
Home Economy for Gram Sevikas	Inventor
Homoeopath	Inventory Clerk
Horse Breeding	Invoice Clerk
Horse Riding Instructor	Irrigation
Horticulturist	Iron and steel Industry
Hosiery Manufacturing	Ivory Work
Hospital Administration	Jeweller
Hospital Almoners	Janitor
Hospital Dietician	Jewellery Designer
	Jig and Tool Designer
	Journalist



Journeyman  
Judge  
Junior Airlines Pilot

Kennel Work  
Kennel Manager  
Kiln Operation  
Kindergarten Teacher  
Knife Making  
Knitting  
Knitting Machine Operator and  
Setter

Labour Arbitrator  
Labour Officer  
Labour Welfare  
Laboratory Assistant (Physics,  
Chemical, Biological)  
Laboratory Staff Training  
Laboratory Technician  
Laboratory Testing and Analysis  
(Electrical, Mechanical Engg.)

Lac Industry  
Lacquer Production  
Lady Waiting Room Attendant  
Landscape Architecture  
Landscape Designer  
Language Teacher  
Law Clerk  
Lawyer (Barrister and Solicitor)

Landscape Architect  
Landscape Drawing  
Lantern Making  
Lathe Operator  
Laundry Management  
Laundry Worker  
Legal Adviser  
Legal Secretary  
Leather Goods Manufacturing

Lead Burning  
Lead Pasting  
Lead Welding  
Lens Grinding  
Librarianship  
Library Assistant  
Library Science  
Light House Keeper  
Lighterman

Linesman (Telephone and Tele-  
graph)

Line Construction Engineer  
Linguist  
Lino Operator  
Literary Agent  
Literary Critic  
Lithographer  
Litho Mechanic Artist  
Litho Mechanic Assistant  
Live Stock Farmer  
Local Self Govt. Training  
Locksmith and Keymaker  
Locomotive Engineer  
Long Shoreman  
Loom Fixer  
Lumberjack  
Lumberman

Machine Embroidery  
Machine Shop Work  
Machine Tools Maker  
Machinist  
Machinery Repairer  
Machine Operator (Punching  
Cards, Duplicating Typed  
sheets, Tabulating, Statements  
Feeding Envelopes, Folding  
Papers, Pasting Labels, Opening  
Letters and for Stamping,  
Billing and Accounting etc.)

Machine Printing  
Machining (Oil Engine, Drilling  
and Milling, Metal and Wood,  
Shearing, Stretching, Planishing  
and Rolling)

Machineman (Printing)  
Machine Tool Practice  
Machinery Inventor  
Magazine Editor  
Magazine Illustrator  
Magazine Writer

Magician  
Mail Carrier  
Mail Clerk  
Maintenance (I.C. Engine) and  
Maintenance Engg.

Malaria Staff  
Maps Maker  
Manager (Business, Loan Com-  
pany, Mines, Cinema, Factory)  
Marine Architect



- Marine Biology  
 Marine Engineering  
 Market Research  
 Marking (Locomotives)  
 Masonry  
 Master Mechanic  
 Mat Making  
 Maternity and Child Welfare Training  
 Matron  
 Meat Cutter and Seller  
 Mechanic (Aeronautical, Auto Engine, Diesel Engine, Electrical, Farm Tool, General, Cycle, I.C. Engine, Instrument, Jute Mill, Light Machine Engine, Equipment Repairing, Motor, Oil Engine, Precision, Printing Press, Radio, Refrigeration, Steam Engine, Surgical Instruments, Telegraphy, Tractor, Typewriter, Watch, Workshop, Melting, Railroad Repairshop, Vehicle)  
 Mechanized Accounting  
 Medical Psychology  
 Medical and Health Assistant  
 Medical Laboratory Technician  
 Medical Service Worker  
 Medical Social Worker  
 Medicine and Surgery  
 Medicinal Plant Collector  
 Member of an Orchestra  
 Merchant Navy Executive Officer  
 Metal Casting  
 Metal Fabric Weaver  
 Metal Grinder  
 Metal Spinner  
 Metal Work  
 Metallurgist (Metal Specialist)  
 Meteorologist  
 Meter Reader  
 Meter Tester  
 Midwife  
 Military  
 Millwright (Machine Erector and Repairman)  
 Milling Machine Setter & Operator  
 Miller (Grinding Machine Operator)  
 Millinery  
 Mine Surveyor  
 Mineralogist (Geologist Specialising in Minerals)  
 Mineral Analyzer  
 Miner  
 Mine Manager  
 Mistry (Building)  
 Mistry (Electrical and Mechanical)  
 Model (Fashion)  
 Modelling and Model Making  
 Modeller of planes and boats  
 Mono Operator  
 Mono Caster  
 Montessori Trained Teacher  
 Monument Maker  
 Morah Manufacture  
 Motion Study  
 Motion Picture Operator  
 Motion Picture Director  
 Motor Body Builder and Repairman  
 Motorman  
 Motor Mechanic  
 Motor Service Mechanic  
 Motor Vehicle Engineering  
 Moulder  
 Moulder Metal Foundry  
 Mountain Guide  
 Mountaineering  
 Movie Set Decorator  
 Municipal Board Service and Management  
 Municipal Engineering  
 Museum Work  
 Mushroom Culturist  
 Music Arranger  
 Music Commentator  
 Music Composer  
 Music Critic  
 Music Producer  
 Music Publisher  
 Music Teacher  
 Musical Instruments Maker and Repairman  
 Music Notes Engraver  
 Musician  
 Mycologist  
 Nakki Knitting



- Napkin Manufacturing  
 Naval Architecture  
 Naval Designer  
 Navigation  
 Navy  
 Needle Work  
 Neevar and Bag Making  
 Net Fisherman  
 Newspaper Editor  
 Non-Commercial Radio  
 Telegraphy  
 Novelist  
 Nurse (Hospital Nurse, Public Health Nurse, Practical Nurse, Trained Nurse)  
 Nursing Administration  
 Nursing Education  
 Nurseryman  
 Nursery Nursing  
 Nutrition  
 Occupational Therapy  
 Oceanographer (Geographer Specialising in Oceans)  
 Oculist  
 Office Management  
 Oil Engine Machinist  
 Oil Crusher  
 Oil Presser  
 Oil Technology  
 Oiler  
 Opera Singer  
 Operator (Excavating Machinery, Boiler House, Cipher, Key-board and Line, Switchboard, Wireless and Key-board, Wireless and Line, Printing Machine, Power Shovel, Power Station, Screw Machine, Saw, Sewing Machine, Calculating Machine, Dictaphone or Ediphone, Addressing Machine, Duplicating Machine, Stenotype, Telephone, Telegraph, Teletype, Accounting Machine, I.B.M., Sorter and Tabulator, Radio, Sorting Machine, Tabulating Machine, Drilling Machine, Grinding Machine, Milling Machine, Metal Grinding Machine, Metal Rolling Mill, Cine Projector, Coke Oven, Comptometer, Drill Press Digester, Winch)  
 Ophthalmic  
 Optician  
 Optician Dispenser  
 Optometerist  
 Orchard Foreman  
 Orchard Sprayer  
 Orchard Worker  
 Orchestra Leader  
 Ore Dresser  
 Organ Maker  
 Organ Tuner  
 Ornithologist (Bird Specialist)  
 Orthodontist  
 Osteopath  
 Overseer  
 Packing Business  
 Packer (P & T)  
 Paints and Varnish Manufacture  
 Painting (Automobile, Railway Wagons, Metal, Wood and Spray Painting)  
 Paint Technology  
 Printer Compositor  
 Painter and Decorator  
 Painter in Factory  
 Palm Gur Manufacturing  
 Palm Leaf Articles Making  
 Palaeobotany  
 Palmistry  
 Paper Cutting  
 Paper Flower Making  
 Paper Hanger  
 Paper Man  
 Paper Making  
 Paper Merchant  
 Park Guide  
 Park Superintendent  
 Patent Agency  
 Patent Examiner  
 Pattern Engraver—Textile Printing  
 Pattern Fitter—Metal  
 Pattern Maker—Wood  
 Patwari  
 Pawn Broker



- Pawn House Manager  
 Pediatrician  
 Peddler  
 Pencil Making  
 Permanent Way Inspector  
 Permanent Way Engineer  
 Personnel Management  
 Pest Control Specialist  
 Petrol Pump Assistant  
 Petroleum Technology  
 Pharmacognosy  
 Pharmaceutical Chemistry  
 Pharmacology  
 Pharmacy  
 Pharmacist  
 Phonograph Repairman  
 Photographer  
 Photography Colorist  
 Photography Critic  
 Physician  
 Physicist  
 Physical Education Instructor  
 Physiology of Farm Animals  
 Physiotherapy  
 Pianist  
 Piano Keyboard Maker  
 Piano Maker  
 Piano Tuner  
 Pipe Fitter—High Pressure  
 Pipe Fitter—Pipe Fitting  
 Plumber  
 Pipe Layer  
 Pillow Lace Work  
 Plant Breeder  
 Plant Experimenter  
 Plant Layout and Material Handling  
 Plant-Quarantine Specialist  
 Plasterer  
 Plastic Goods Manufacturer  
 Plastic Technology and Press Work  
 Plating  
 Plates Engraver—Metal Printing  
 Plate Layer  
 Playground Director  
 Playwright  
 Play Writer  
 Plumber  
 Poet  
 Polaeobotany  
 Police Services  
 Polishing  
 Polishing Metal  
 Polish Making  
 Politician  
 Political Party Organisation  
 Pomologist (First Specialist)  
 Port Captain  
 Portrait Painter  
 Portrait Photographer  
 Poster Artist  
 Post and Telegraph Services  
 Pottery Designer  
 Pottery Work  
 Poultry Breeder  
 Poultry Farming  
 Power Generation  
 Power House Attendant  
 Precision—Optician, Polisher,  
 Pincher, Chaser  
 Pressman—Iron Works  
 Press Agent  
 Press Tool Work  
 Priest  
 Printing Machine Operator  
 Printing Technology  
 Printing (Blocks, Aerograph,  
 Calico)  
 Printing Press Operator  
 Prison Services  
 Private Secretary  
 Process Server  
 Process Study  
 Produce Broker  
 Production Controller  
 Production Engineer  
 Production Manager  
 Proof Reader  
 Prospector  
 Psychological Medicine  
 Psychiatrist  
 Psychologist  
 Psychometrician (Test Administ-  
 rator)  
 Public Administration  
 Public Cleansing  
 Public Health  
 Public Prosecutor  
 Public Relations Worker  
 Publicity Agent



- |   |  |
|---|--|
| Purchasing Agent  | Rubber Stamp Maker                                     |
| Qanoongo  | Rubber Technology                                      |
| Quarry Management   | Rural Canvasser  |
|   | Rural Reconstruction                                   |
| Rabbit Breeder  | Safety Match Manufacturing                             |
| Race Horse Trainer  | Sales Tax Adviser                                      |
| Radar Technology  | Sales Tax Deptt. Services                              |
| Radio Announcer   | Sales Demonstrator                                     |
| Radio Astronomy   | Salesman (House to House)                              |
| Radio Engineering   | Salesman (Travelling)                                  |
| Radio Physics   | Sales Manager  |
| Radio Receiver Design Maker   | Sanitary Inspector                                     |
| Radio Script Writer   | Sarees and Dhotis Manufacturing                        |
| Radio Servicing   | Saw Mill Operator                                      |
| Radio and Electronics   | Saw Mill Worker  |
| Radio Repairman   | Saw Sharpener and Repairman                            |
| Radio Singer  | School Administrator                                   |
| Radio Technician  | School Teacher   |
| Radiographer  | Script Writer (Motion Pictures, Radio)                 |
| Rail Track Worker and Builder   | Sculpture  |
| Railway Services  | Seamanship   |
| Railway Protection Force  | Seamstress (Cap, Fur, Umbrella)                        |
| Ranch Manager   | Secretaryship  |
| Ranger  | Secretarial Work                                       |
| Rattan Work   | Seed Sorter  |
| Reaching  | Seed Supply Dealer                                     |
| Recorder (of Scientific Experiment, Temperature, Humidity and Rainfall) | Seismologist (Specialist in Science of Earthquakes)    |
| Recreation Director   | Serang   |
| Reeling   | Sericulture  |
| Refrigeration   | Service Station Manager                                |
| Reinforced Concrete   | Servo Mechanisms                                       |
| Religious Worker  | Settlement Worker                                      |
| Reporter  | Sewing   |
| Research Assistant  | Sewing Machine Manufacture                             |
| Research Physician  | Shalant  |
| Research Scientist  | Shaping  |
| Research Scholar  | Sheep Breeder  |
| Restaurant Manager  | Sheep Clipper  |
| Retail Store Worker   | Sheep Rancher  |
| Retail Trader   | Sheet Metal Worker (Thick sheet, Thin sheet, Aircraft) |
| Rice Research   | Shiksha Visharad Trained                               |
| Riveter   | Ship Broking   |
| Road Engineering  | Ship Building and Repairman                            |
| Rodeo Performer   | Ship Engineer  |
| Roofer and Slater   | Ship Purser  |
| Routeman  | Ship Wright  |
| Rubber Industry   |  |



- Ship Wright, Wood
- Ship Wright, Metal
- Shipping Clerk
- Shoe Factory Worker
- Shoe Maker
- Short Story Writer
- Sight Seeing Tour Conductor
- Signalling (Electrical and Mechanical)
- Signalling and Crossing Material Manufacture (Rly.)
- Silk Screen Printer
- Silk Weaving and Dyeing
- Silk Worm and Mulberry Research Work
- Silver Smith
- Silviculturist (Forest Specialist)
- Singer
- Slate Manufacturer
- Slate Miner
- Slotting
- Smelter Worker
- Soap Making
- Social Research
- Social Service Administration
- Soil Conservation
- Soil Mechanics and Foundation Engineering
- Soil Technologist
- Solar Physics
- Soldering
- Sound-effects man
- S.P.C.A. Services
- Spectacles-lens Grinder
- Speech Therapy
- Spinning
- Spinning (Garbo)
- Sponge Fisherman
- Sponge Packer
- Sports Editor
- Sports Material Manufacture
- Spray Painting
- Spray Metal-Painting
- Spring Smithy
- S.S.C. Technical Course
- Stage Director
- Stage Hand
- Stage-set Designer
- Station Agent
- Statue Making
- Statistical Work
- Statistical Clerk
- Statistician (Research, Scientific, Social Sciences, Business, education)
- Steam fitter (Steam pipe fitter)
- Steel Furniture Production
- Steeple jack
- Stenographer
- Stereotype-Plate Etcher
- Stevedore
- Stick Making
- Stock and Bond Salesman
- Stock Broker
- Stock Clerk
- Stock Exchange
- Stockman
- Stockman-cum-Health Assistant
- Stencil Cutter (Paper, Cardboard, Print Rollers)
- Stone Carver
- Stone Cutting
- Stone Mason
- Store Control
- Store Keeper
- Store Manager
- Structural Ceramics-parts Moulder
- Structural Engineer
- Structural Metal Worker
- Structural Steel Worker
- Sugarcane Breeding
- Sugar Boiler Attendant
- Suitcases and Leather Work
- Sunglass Manufacturing (Frames and Lens)
- Supervisor
- Surgeon
- Surgical Instrument Manufacture
- Surgical Technology
- Surveyor (Land, Ordnance, Mining, Valuation, Trigonometrical, Field Railways, Topographical, Logging Camp)
- Surveyor, Buildings and Quantity
- Surveyor and Leveller
- Switch Board Attendant
- Switch Board Operator and Engine Driver (Distribution System)



## Switch Gear Principles

## Table Cloth Manufacturing

Tailor

Tailor Bespoke

Tanner

Tarkash

Taxi Driver

Taxidermist

Tea Cultivation

Tea Estate Services

Tea Trade

Teacher (Primary School, Kindergarten, Montessori, Language, High School, Music, Arts and Crafts, Dance, Folk Music, Teacher of the Blind, Teacher of the Deaf, Domestic Science)

## Technical Crafts

Technical Information Officer

Technology (Applied Chemistry, General Applied Physics, Chemical, Electrical, Fisheries, Fuel, Food, Fruit and Vegetable, Leather, Oil and Oil Chemistry, Jute, Fats, Instrument, aeronautics, Gas Reaction and High Pressure, Soap, Production, Paints, Varnishes, Painting, Sugar, Textiles, Textile Chemical, Textile Chemistry, Weaving, Chemistry, Welding, Workshop)

Telecommunication Mechanic

Telecommunicator

Telegraphist

Telegraphy and Railway Traffic

Telegraphy Signalling

Telephone Cable Manufacture

Telephone Operator

Telephone Repairman

Telephone Engineering

Teletype Writing

Television Textile Technology

Telegram Messenger

Template Maker

Tent Maker

Textile Chemistry

Textile Designer

Textile Factory Worker

## Textile Manufacture

Textile Printer

Textile Technology

Theatre Manager

Theatrical Director

Thermometer Adjusting Worker

Thermometer Blower

Thread Ball Making

Ticket Broker

Ticket Collector

Timber Engg.

Timber Trade

Time Study

Time and Motion Study Worker

Tin Printing

Tin Smithy

Tire Builder

Tobacco Curing

Tobacco Trade

Toll Bridge Cashier

Tool Grinding

Tool Making

Tool Room Attendant

Topographical Draughtsman  
(map draftsman)

Towel Manufacture

Town Planning

Town and Regional Planning

Toy Designer

Toy Maker

Tracer

Trade School Instructor

Traffic Checker

Traffic Operator

Traffic Pointsman

Trail Blazer

Trapper

Travel Agent

Train Examiner

Trainer of Show Horses

Transformer Winding

Tree Grafter

Tree Pruner

Tree Surgeon

Trimmer

Tugboat mate

Turbo Alternator Operator

Turner

Turner (Wheel axle)

Tutor



- Type Form Cutter  
 Type Founder  
 Typing Teacher  
 Typist  
 Typographer  
  
 Umbrella Handle Manufacture  
 Umbrella Making  
 Unani Course  
 Upholsterer  
 Upholsterer—Vehicles  
 Upper Subordinate Overseers  
     Course  
 Utensil Making—Brass and Stain-  
     less Steel  
  
 Vaccinator  
 Valuations  
 Vanaspati Manufacture  
 Varitypist  
 Varnisher  
 Vaudeville Musician  
 Vehicle Mechanic  
 Vehicle Repairer  
 Veterinarian  
 Veterinary Assistant  
 Veterinary Compounder  
 Veterinary Dispenser  
 Veterinary Science  
 Viewing and Gauging  
 Village Administration  
 Village Level Worker  
 Village Sanchaliks  
 Violin Maker  
 Vocational Arts Instructor  
 Vocational Counselor  
 Vulcanizer  
  
 Wagon Erector  
 Waiter  
 Watch and Clock Maker  
 Watch Case Maker  
 Watch Repairer  
  
 Waterproof and Rubber Goods  
     Manufacture  
 Water Supply  
 Weather Observer  
 Weigh master  
 Weaver  
 Welder  
 Well Borer  
 Wholesale Dealer  
 Willow Work  
 Winding  
 Window Display  
 Window Dresser  
 Wine Maker  
 Wine Merchant  
 Wireless Operator  
 Wireless Telegraphy  
 Wireman and Supervisor  
 Wood Anatomy  
 Wood Carving  
 Wood Crafts Instructor  
 Wood Cut Artist  
 Wood Examiner  
 Wood Painter  
 Wood Preservation  
 Wood Pulp Maker  
 Wood Seasoning  
 Wood Turner  
 Wood Workshop  
 Works Management  
 Workshop Practice  
 Workshop Technology  
 Work Study  
 Wrist Watch Maker  
 Writer  
  
 X-Ray Technician  
  
 Youth Leadership  
  
 Zari Work  
 Zoologist  
 Zoological Artist



## WHAT YOU CAN BE

Here is a list of Trades and Careers for which the training is available in India according to the qualifications required to be admitted for the course.

### What just a literate can be

Certificate in Ceramics; Dai; Driver; Course in Enamelling and Flaying; Gram Sevak and Sevika; Labour Welfare; Mechanic (Diesel Engine); Moulder; Pattern Maker; Peon; Sculpturist.

### What an Under Matric (Middle Standard) can be

Courses are available in Bell Metal Smithy; Bleaching; Dyeing and Printing; Chitramurti Kala; Creche Attendant Course; Commercial Printing; Dresser Course; Drawing (Tech.); Drawing and Surveying; Electrician; Engraving; Enamelling; Fitters Course; Flaying; Grinding; Heat Treatment Course; Industrial Diploma Course; Journeyman's Course; Lineman; Laboratory Technician; Labour Welfare; Mechanic (General), Midwife, Millwright; Moulder; Nursing; Mechanic (Aeronautical, Oil Engine); Plumbing; Printing (Technology); Printing Press Operator; Patwari; Sheet Metal Work; Sericulture; Sculpture; Turner; Vaccinator; Village Administrator; Wireman; Welder etc.

### What a Matriculate can be

Architect, Asstt. Station Master, Art Master, Armature Winding, Aminis. Trg., Ayurved, Auxiliary Nurse, Armed Forces (See in Armed Forces), Book Keeping and Accountancy, Business Correspondence, Bank Officers Course, Boiler Maker, Boiler Attendant, Certificate Course (Agriculture, Librarianship, Physical Education, Health Inspection, Shiksha Visharad, Mining Engg., Lac Industry, Air Conditioning, Paints and Varnish Manufacture), Co-operative Inspector, Compounder, Clerk, Cinema Projector Operator, Commerce Course, Chargeman; Draughtsman, Dark Room Asstt., Diploma Course (in Auto Engg., Pharmacy, Banking, Ayurvedic Course, Domestic Science, Ceramics, Electricity Supervisor, Civ. Engg., Elec. Engg., Mech. Engg., Draughtsman, Craftsmanship, Textile and Hosiery Manufacture, Domestic Science, Extension Trg. (for Matric with Dip. in Agri.), Electrician, Electroplating, Elec. Installation, Engg. Apprentice, Fisheries Diploma, Forester, Fruit Preservation, Poultry, Gram Sevak and Sevika, Home Economy for Gram



Sevika, Health Inspector, Homoeopath, Health Visitor, Institution of Engineers Exam., Insurance Agent, J.S.W. and other U.P.S.C. Exam. (See in chapter *U.P.S.C. Exams*), Laboratory Technician, Lab. Asstt., Local Self Govt.; Mechanic (instrument, Motor, Radio, I.C. Engine), Telegraphy, Midwifery, Malaria Staff, Medical Technician, Merchant Navy Executive Officers Trg., Machine Operator (appliances for Punching Cards, Duplicating, Typed Sheets, Tabulating Statements, Billing and Accountancy etc.) Merchant Navy Rating, Mechanical Driver and Tindal in Fisheries Deptt.; Overseer (Civ. Engg.), Occupational Therapy, Physio Therapy, Pilot Trg., Process Servers Trg., Patwari, Police (See in Police Chapter), Qanoongo, Rly. Guard, Rly. Career (See in Rly. Chapter), Stenographer, Sanitary Inspector, Sericulturist, Stockman's Trg., Sanitary Engg., Seamanship, Signaller, Social Education Organiser, Surveyor, Salesman, Teacher, Typist, Telephone Operator and Repairer, Teletype Writing, T.C. Course, Tech. Crafts Trg., Telegraphy, Technology (Textile, Chemical, Weaving and Welding), Unani Course (4 years Degree/G.U.M.S.), Village Level Worker, Vet. Science, Village Sanchalaks, Vaccinator, Veterinary Stockman, Wireless Telegraphy, Observer in Meteorological Deptt., Co-operative Supervisors in Co-operative Banks (Matric with book-keeping, cooperation etc.).

### What an Intermediate can be

Besides the courses available for Matriculates the following are more courses for F.A./F.Sc./I.Sc.

Agriculture; Aircrafts Maintenance Certificate; Architecture (Naval & Town Planning); Cine Projector Operation, Cost and Works Accountancy; Degree Course in Agriculture, Vet. Science & Animal Husbandry for F.Sc. with Chemistry & Biology; Degree course in Civ., Elec. & Mech. Engg. for F.Sc. with Maths., Physics & Chemistry; Engg. Course in Chemical, Mining, Tele Communication, Sound & Cinematography and Navigation etc.; Course in Technology (oil, sugar, chemical, textile); Diploma course in Fine Arts, Design & Painting, Geology; Indian Naval Exam (*see* in Armed Forces); Junior Airlines Pilots Course; Medicine and Surgery; Metallurgy; Military Wing; Law (3 years degree course in Bombay, Gujarat and Poona Universities); Library Science; Physical Education; Police; Rangers Certificate (Forestry); Radiography; Vet. Science & Animal Husbandry; Teacher; X-ray Technician.

### Graduates

I.A.S. and other U.P.S.C. and Provincial Competitive Exams; Public Relations and Publicity Officers, Railways; Reference Officers, All India Radio; Transportation Officers; Employment Officers; Stores Officers; Traffic Managers in Ports; Administrative Works Managers, Ministry of Defence; Complaints Officers, Posts and Telegraphs; Managers and Asstt. Managers; Precise Writers in the



Publication Bureau of Ministry of Information ; Audit Clerks, Local Fund Audit Offices, Provincial Govts & Equipment Branch, Defence Forces (Age limit 21—23) ; Inspector of Notified Factories (Science Graduate) ; Asstt. Station Director (A.I.R.) ; Asstt. Campaign Officers, Press Information Bureau ; Asstt. Talks Officers, External Services, A.I.R. ; U.D.C. in the office of Deputy Accountant General and Railway Audit Service ; Tourist Guides and Information Officers, Ministry of Transport ; Committee Officers, Parliament Secretariat ; Income Tax Officers ; Junior Sales Tax Officers in Bombay and other Govts ; Sales Tax Service Class II ; Project Evaluation Officers, Programme Evaluation Organisation, Planning Commission ; Junior Translators in the Translation Bureau of Legal Deptts. ; Sub Editors in the Subordinate General Educational Service of Madhya Pradesh Govt. and other Govts. ; National Savings Officer in Provincial Govts.

S.A.S. Exam. ; Defence Services ; Chartered Accountancy ; Co-operation ; Business Management ; Journalism ; Library Science ; Law, Social Work ; Teaching ; Basic Trg. Diploma ; Physical Education ; Statisticians ; Costs and Works Accountants ; Social Welfare ; Industrial Management ; Agriculture and Horticulture ; Forest Deptt.

#### **B.A. Hons. or M.A. in Economics**

I.A.S. and Provincial Competitive Exams. ; Provincial Educational Service ; Economic Investigators, Grade I Community Projects ; Community Project Officers ; Administration Planning Commission ; Officers, Commercial Intelligence and Statistics Office, Calcutta, and Deptt. of Industrial Statistics of Industries & Commerce ; Equipment Officers, Defence Forces (age limit 21—23) ; Provident Fund Research Officers, Ministry of Labour ; Community Projects Officer on Rural Economics, Planning Commission ; Assistant Chief and Research Officers (Economic Division), Planning Commission ; Economic Investigators in Planning Commission ; Labour Intelligence Officers ; Resident Labour Inspectors ; Welfare Superintendents ; Commercial Tax Officers ; Entertainment Tax Officers ; Conciliation Officers ; Senior Investigators and Senior Statistical Asstt. ; Research Officers, Programmes Evaluation Organisation, Planning Commission & Bureau of Economics and Statistics ; Lecturers in Colleges and Universities.

#### **Literature Honours or M.A. in Languages**

I.A.S. and Provincial Competitive Exams. ; Provincial Education Service ; Lecturer, School of Foreign Languages, Ministry of Defence, and Universities & Colleges ; Translators in High Courts and Subsidiary Intelligence Bureau, Calcutta ; Examiner of Books, Bombay & other Provincial Govts. ; Asstt. Superintendents (Arabic and Persian inscriptions), Deptt. of Archaeology ; Programme Asstts. etc. in All India Radio.



### B.A. Hons. or M.A. or M.Sc. in Mathematics

I.A.S. and other Provincial Competitive Exams. ; The Provincial Educational Service ; Teachers in Schools, Colleges and Universities ; Subordinate Accounts Service ; Central Intelligence Officer, Intelligence Bureau, Home Ministry, G.O.I. ; License Supervisor, All India Radio ; Statistical Research Officer, Office of Economic Advisors of Central and Provincial Govts. ; Professional Asstt., Indian Meteorological Services ; Research Officer, Bureau of Economics and Statistics ; Forest Statistician ; Statistician, Labour Bureau, Simla ; Statistician, Agricultural Service ; Statistician, Directorate General of Health Services ; Statistician, National Income Unit, Finance Ministry ; Statistical Officer, A.I.R. (Research Section) ; Statistical Investigator in A.G.'s Branch ; Research Officer/Asstt., Ministry of Defence (Joint Cipher Bureau and Directorate of Military Intelligence ; Asst. Conservator of Forests ; Actuary in Insurance Companies ; Asst. Mathematical Research Officer in Central Water Way Research Station, Poona ; Deputy Statistical Director, Programme Evaluation Organisation, Planning Commission ; Agricultural Meteorologist in Provincial Service ; Technical Officer, Indian Air Force (Age 21-25), Research Officer, Planning Commission (Natural Resources Division, Statistics Section) ; Educational Branch, Defence Forces ; Field Officer, Development Wing, Ministry of Industry.

### B.Sc. Hons. or M.Sc. in Physics

I.A.S. and Provincial P.S.C. Exams. ; the Provincial Educational Service ; Senior Observers, Scientific Asstts., Professional Asstts., Asstt Meteorologist and Meteorologists in Indian Meteorological Service ; Asstt. Microphotographists in the National Archives of India ; Agricultural Meteorologist in Agricultural Research Station, New Delhi ; Asstt. Agricultural Soil Physicists ; Instrument Developments Asstt. in the Directorate of Technical Developments, Mathematics Instrument Office, Calcutta ; J.S.O. in the Central Board of Geophysics ; J.S.O. Spectroscopy in the Technical Development Establishment Laboratories, Kanpur ; Technical Asstt. to Police Wireless Officer, Provincial General Service ; Research Asstt. in Provincial Fisheries Subordinate Service ; Second Physicist, Barnard Institute of Radiology, Medical Service ; Examiner of Questioned Documents in Provincial General Service ; Agricultural Meteorologists in Provincial Service ; Asstt. Radio Engineers in Provincial Engg. Service ; Educational Corps, Defence Services ; Technical Officers, Indian Air Force (Age 21-25) ; Aerodrome Officers ; Research Officers, All India Radio ; Asstt. Chief, Industries Division, Planning Commission ; Asstt. Supdt. of Developments—Instruments and Electronics at the Technical Development Establishment, Dehra Dun ; Field Officer, Ministry of Industry ; Microscope Instrument Factory, Lucknow ; Junior Scientists, Defence Science Organisation ; Asstt. Superintendent Grade III Development Instruments and Electronics, Dehra Dun.



### Some Courses for B.Sc. (Maths. & Physics)

1. Survey of India Class I & II Services.
2. A two-year Course in Applied Physics B.Sc. (Hons.) with Physics and three year Course for B.Sc. Pass in Physics is conducted by (i) J.V.D. College of Science and Technology, Andhra University, Waltair. (ii) Department of Applied Physics, University College of Science and Technology, Calcutta University (only 3 years course).
3. Meteorological Deptt. Senior Observer B.Sc. with Physics & Maths. or Physics & Chemistry.
4. (i) Indian Statistical Institute 203, Barrackpore, Calcutta, conduct a six-month Statistician's Course (Junior & Senior) and two-year Course M. Statistics to high 2nd Class Honours Degree in B.Sc with Maths.  
 (ii) One-year evening Course in Statistics for experienced in Statistical work in Govt. Offices in Delhi in Central Statistical Organisation.  
 (iii) One year evening Course in Statistics is open to degree holders at Manubhai Mansion, 186, Sir Pherozezshah Mehta Road, Bombay-1.

### Some Courses for B.Sc. (Chemistry)

M.Sc. ; Chemical Technology ; Food Technology ; Technology of Dyes, Pigments, Oils, Fats, Waxes and Waxes, Pharmaceuticals and Fine Chemicals ; Diploma Course in Technical and Applied Chemistry ; Textile Chemistry (Dyeing, Bleaching and Sizing) ; Chemistry of Foods and Drugs ; Technology of Paints and Varnishes ; Sugar Technology ; Fruit Technology etc.

### B.Sc. Honours or M.Sc. Chemistry

I.A.S. & Provincial Competitive Exams. ; Provincial Educational Service ; Educational Service in Colleges and Institutions ; Production Chemists, and Inspector of Explosives in Ordnance Factories ; Asstt. Works Manager, Cordite Factories ; Biochemists in Blood Testing Laboratories, Hospitals, Antigen Production Units & Fisheries Subordinate Services ; Technical Research Asstt., Ministry of Education ; Chemical Asstt. at Govt. Testing House, Alipore, Calcutta ; Toxicologists under Ministry of Agriculture ; Analytical Chemists in Geological Survey of India ; Chemical Inspectors in the Office of Chief Adviser of Factories ; Research Asstts. in the Chemical Laboratories of Universities, Fisheries Deptt. and in the UNESCO International Laboratories in Paris ; Development Directors in the Office of Director General of Industries, Junior Scientific Officer in Defence Services Organisation ; Asstt. Factory Managers in the Medical Stores Depots at Madras



and Bombay ; Senior Scientific Officers, Technical Development Establishment, Kanpur ; Junior Research Officer in the Technical Paper Pulp Section of Forest Research Station, Dehra Dun ; Research Asstt. in Wood Preservation ; Agronomists at Indian Agricultural Stations ; Biochemical Research Officers at Institute of Fruit Technology, Mysore ; Asstts. to Chemical Examiners in Police Deptt. and Medical Service ; Examiner of Questioned Documents ; Salt Inspectors ; Asstt. Chemists, Indian Railways ; Field Officers, Development Wing ; Stores Officers in Technical Development Establishment ; Employment in Chemical and Pharmaceutical Laboratories and Textile Mills ; Sales representatives of firms manufacturing or distributing Chemicals and Drugs.

### **B.Sc. Technology or M.Sc. Technology Chemistry**

Kiln Operators and Superintendents ; Inspector of Factories in Provincial Govt. Service ; Asstt. Chief, Industries Division, Planning Commission ; Development Officers, Ministry of Industry ; Education Branch, Defence Force ; Technical Remembrancers at Research Institutes ; Asstt. Chemist in Composit Schemes ; Research Asstt. for Social Survey ; Fertilizers Inspectors ; Junior Analytical Chemists for Chemical Testing Laboratories.

Employment in Institute of Chemical Industries, Calcutta and Bengal Chemical and Pharmaceutical Works ; Laboratory Asstt. in Technical Development Establishment (Military Explosives) and other branches ; Deputy Development Officers in Ministry of Commerce and Industry in the branches of Heavy Chemicals (Fertilizers), Heavy Chemicals (Alkalies), Leather Industry and Paper & Paper Board ; Research Asstts. in Naval Base Laboratories at Cochin etc.

### **B.Sc. (Hons.) or M.Sc. Botany**

I.A.S. and Provincial Competitive Exams. ; The Provincial Educational Service ; Teachers/Lecturers in Colleges and Universities ; Technical Research Asstts., Central Ministry of Education ; Research Officers at Central Marine Fisheries Research Station, Mandapam ; Forest Research Institute, Dehra Dun ; Plant Pathologist ; Rubber Development Superintendents ; Garden Superintendents in the Deptt. of Archeology ; Officers in Bureau of Plant Protection and Quarantine ; Asstt. Cytogenetist, Agricultural Research Institute, Delhi ; Asstt. Botanist, Potato Certification Substation, Kufri (Simla Hills) ; Forest Botanists and Asstt. Conservator of Forests in State Forest Services ; Asstt./Fruit Specialists in the Provincial Central Agricultural Services ; Research Asstt. in Provincial Fisheries Subordinate Services ; Junior Analytical Chemists for the Chemical testing and analytical Laboratories ; Mycologist in Agricultural Subordinate Service ; Lecturing and Systematic Botanist in Agricultural Subordinate Service ; Upper Subordinates in the research station of the Agricultural Subordinate Service in the branches of Paddy, Cotton, Millet, Oil Seeds, Botany and Physiology ; Horticulture Abstractor and



Systematic Pomologist in Council of Agricultural Research ; Asstt. Economic Botanists, Scheme for Improvement of Maize Crop, Indian Agricultural Research Institute ; Deputy Development Officers, Timber Development Wing ; Junior Research Asstt. in Coconut Research Station, Kasragod and other Institutes ; Deputy Warden of Fisheries ; Research Asstt. in Botanical Survey of India ; Employment in firms dealing with drugs, plants and garden flower etc.

### **B.Sc. (Hons.) or M.Sc. Zoology**

I.A.S. and other U.P.S.C. and Provincial Competitive Exams ; Provincial Educational Service ; Asstt. Insects Entomologist, Indian Agricultural Research Institute ; Quarantine Entomologists, Directorate of Plant Protection and Quarantine ; Locust Entomologist ; Research Officer, Embryology, Algology, Ecology and Protozoology ; Officer, Deep Sea Fishing Station, Bombay ; Officer, Central Marine Fisheries Research Station, Mandapam ; Officer, Zoological Galleries of Indian Museums at Calcutta, Bombay and Madras, Officer, Zoological Survey of India, Banaras Cantt. ; Sardine Research Officer ; Mackerel Research Officer, Sharks and Rays Research Officer and Research Officers in Prawns and Mullases, Marine Zoologist in Deptt. of Agriculture, Technical Asstt. in Central Ministry of Education ; Inspector of Fisheries in Fisheries Deptt. ; Research Asstt./Supdt. in Fisheries Subordinate Services ; Deputy Warden of Fisheries ; Medical Biologists, King Institute. Guindy : Employment in Malaria Survey and Control, Zoological Survey of India.

### **Some more Courses for B.Sc. (Botany) and B.Sc. (Zoology)**

1. (a) Two-year Post-graduate course in basic Agricultural Science.
- (b) One-year Post-graduate course in specific subject.
- (c) Short-term courses at Indian Agricultural Research Institute, New Delhi.

### **Some more Courses for B.Sc. in Botany/Zoology/Agri./Chemistry**

1. Marine Biology : Research facilities at the Marine Biological Research Station attached to the Taraporewalla Aquarium, Netaji Subhash Road, Bombay-2.
2. Two-year course in Forestry of Indian Forest College, Dehra Dun. Selection of candidates by State P.S.C.
3. Higher Studies and Research in Palaeobotany at Birbal Sahni Institute of Palaeobotany, Lucknow.

### **B.Sc. (Hons.) or M.Sc. Geology**

I.A.S. and other competitive exams. ; Provincial Educational Service ; J.S.O. Central Board of Geophysics ; Geophysicist and



Geologist in Geological Survey of India, Cement Factories, Mica Mines, and Indian Bureau of Mines; Research Officer Natural Resources Division, Planning Commission; Employment also in Iron and Steel Companies.

### Scope for Social Work, Social Sciences or Sociology

Labour Officers in Ministry of Labour, Government of India, Provincial Government Service; Employment Officers in Labour Exchanges; Social Workers for Prohibition Departments; Medico-Social Worker for Development of training field in Maternity and Child Welfare; Research Officer in Planning Commission (Social Service Division); Harijan Welfare Officers; Superintendents for Prisons and Institutes for children, women, beggars, the aged and the handicapped; Family Case Workers; Factory Inspectors; Commissioners for Scheduled Tribes and Hill People; UNESCO Field Organisers; A.I.R. Publication Division; Emergency Relief Organisers; Probation and Parole Officers; Secretaries for Social Service Organisations; Welfare Officers for Municipalities and Govt. Agencies; Factory Inspectors; Labour Officers; Personnel Managers; Tribal Welfare Workers; Teachers in Schools and Colleges; Rural Reconstruction (Community Project) Workers; Social Researchers; Hospital Social Workers; Psychiatric Social Workers.

### Scope for Law Graduates

Practice in Courts; Public Prosecutors; Lecturers, part-time or whole-time in Law Colleges; Law Lecturers at Administrative Training School; Legal Remembrancers; Income-tax Officers; Presidency Magistrates; Judicial Members, Income Tax Appellate Tribunal; Assistant Solicitors in Law Ministry; Provincial Subordinate Civil Judicial Service; Superintendents in Govt. Legal Departments; Sub Registrars in Registration Subordinate Service; Puisne Judge of the Court of Small Causes in Provincial Judicial Service; Official Receivers—Judicial Service; Civil Judges-cum-Resident Magistrates; Civil Judges Class II; Assistant Government Agents for Court Agency Section of the Solicitors Branch of Law Ministry; Legal Adviser to Special Police in the Ministry of Home Affairs; Editor, Supreme Court cases; Solicitors, High Commissions for India.

### Field of Employment for Accountants

Govt. Offices; local bodies; Directors and Liquidators of Companies; Cost and Tax Consultants; Statutory Auditors; Receivers, Executors and Trustees; Advisers, Administrators and Secretaries; Teachers; Authors; Research Workers; Valuers and Company Consultants; Management Accountants and Auditors in Banks, insurance companies, industrial and commercial concerns.

17.5.05



**Psychology Graduates.**—Psychology Officers, Defence Forces ; Project Psychology Officers ; Lecturers in Special Schools for Backward People ; Lecturers in Jail Training Schools.

**B.A. Hons. or M.A. in Geography.**—Survey of India Deptt. ; Research Officer (National Resources Research Division), Planning Commission and National Institute of Audio Visual Education, Ministry of Education.

**Graduates in Metallurgy.**—Avenues of employment in Metallurgical Laboratories, Mints, 1000 Works, Iron and Steel Companies, Ordnance Factories, Asstt. Supdt. in Indian Ordnance Service, Junior Field Operators (Metals) Ministry of Commerce and Industry, Junior Metallurgical Asstt. in Railways ; Technical Development Establishment Metallurgy, Ishapore ; Firms dealing in Metals.

**Graduates in Commerce.**—Income Tax Officers ; Marketing Officers ; Currency Officers, Reserve Bank ; Bank Agents ; they can become Chartered Accountants, Costs and Works Accountants and take up career in Banking and Insurance.

**B.A. Hons. or M.A. in Politics.**—Research Officers at the Historical Division, Ministry of External Affairs ; Asstt. Editors, News papers and Magazines.

**B.A. Hons or M.A. in History**—Research Officers in the External Affairs Ministry, Archives Departments, Archeological Excavation Works ; Curator of Historical Museums ; Asstt. Supdts. Prehistory, Deptt. of Archeology ; Teaching in Armed Forces Academy.

### Labour Welfare

Govt. of Bombay School for Training of Labour Welfare Workers, Naigaum, Bombay-14 has a diploma course of 2 years, 9 months for graduates, commencing in July every year. Fees Rs. 100/- per term.

**Scope.**—Labour Welfare Officers in Govt. or Public Social Agencies, Mills, Factories and Other Labour Organisations, big concerns like Burmah Shell and other Oil Companies ; Sub Regional Employment Officers, Railways ; Welfare Officers under Deputy Coal Commissioner ; and Labour Advisers to Trade Unions.

### Avenues of Employment for Statisticians

1. Statistical branches in Govt. Offices—Central & State.
2. Reserve Bank and other Banks.
3. Departments of Labour, Health, Agriculture, Meteorological Deptt., Municipal Deptt., State Transport Bureau of Economics & Statistics.



## 4. Mills.

**Scope for Veterinary Science**

Veterinary Surgeons in State Animal Husbandry Service ; Sheep and Goats Development Officers ; Diseases Investigation Officers ; Work in Stud Farms like at Kunegai, Mysore ; Asstt. Research Officers in Animal Genetics Sections, Veterinary Research Institutes at Izatnagar & Mukteshwar ; Foot & Mouth Diseases Research Officer ; Indian Council of Agricultural Research Scheme for investigation into Tuberculosis and other animal diseases ; Cattle Superintendents at Substations like Karnal ; also employed in Poultry Training Centres in Govt. Farms at Gurdaspur, Izatnagar and Lucknow ; Commissioned Officers in Remount Veterinary & Farms Corps of Armed Forces (H.Q. Meerut Cantt.) ; Poultry Disease Control Officers ; Superintendent of Markets and Slaughter Houses ; District Livestock Officers ; Serologists incharge of Serum Laboratories ; Research Assistants at Indian Veterinary Research Institute ; Field Work on 'Key Farms' Schemes *i.e.*, Mysore State Farm at Hessarghatta.

**Meteorology as a Career**

Indian Meteorological Deptt., Ministry of Transport and Communications, India has 380 Surface Met. Observatories, 55 Pilot Balloon Observatories, 12 Radio Wind Finding Stations, 13 Radiosonde Stations and 18 Forecast Centres of various types.

Graduates and Post-graduates in the subject or in Physics/Maths./Astrophysics/Electronics/Agriculture are employed in this deptt.

The department has Observers (60-150) Matric ; Senior Observers (100-200) B.Sc. or Dip. in Engg. ; Scientific Asstt. (160-330) B.Sc. or M.A./M.Sc. Professional Asstt. (250-500) M.Sc. or Honours degree in Physics/Physical Chemistry/Applied Maths./Physics/Meteorology/Geophysics/B.E. (Mech./Elec.)

Asstt. Meteorologist Class II (275-710) Applied Maths./Physics/Meteorology/Geophysics/B.E. (Mech./Elec.)

Meteorologist Class I (350-850) Applied Maths./Physics/Meteorology/Geophysics/B.E. (Mech./Elec.)

- (i) Astrophysical Observatories at Kodaikanal—work in Astronomy, Solar Physics, Radio Astronomy, ionosphere, Geomagnetism, Cosmic rays.
- (ii) Colaba Alibag Observatories in Bombay—study of Terrestrial Magnetism and Atmospheric Electricity.
- (iii) The Central Seismological Observatory at Shillong.



**Careers in Atomic Energy Establishment, Trombay.** (Physics, Chemistry, Engg. Biology/Medicine and Health groups.

*Physics group.*—(i) Reactor Physics, Solid State Physics, Low Energy Nuclear Physics, (ii) Theoretical Physics and Applied Maths. (iii) Nuclear Physics Reactor Control, Air Monitoring, Health Physics, Radiological Measurements and Electronics, (iv) Neutron Physics and Nuclear Spectroscopy.

*Chemistry group.*—Analytical Chemistry, radio chemistry, isotope production.

*Engg. Section.*—At least 2nd Class Degree in Engg. (Mech./Elec./Chemical).

*Metallurgy Section.*—At least II Class Degree in Metallurgy.

Trombay Establishment has a School for training the staff. It has following sections, (i) Physics, (ii) Chemistry, (iii) Engg. (Mech./Elec./Chemical), (iv) Metallurgy Physics and Chemistry Section. One year training for M.Sc./B.Sc. Hons.

Candidates must be below 26 years. Stipend of Rs. 250 p.m. After Trg., they are absorbed in Deptt. of Atomic Energy or Tata Institute of Fundamental Research.

*Jobs.*—Junior Scientific Asstt. (160—330); Senior Scientific Asstt. (250—25—500); Research Asstt. (250—375); Junior Scientific Officer (275—590); Scientific Officer (350—850); Senior Scientific Officer (600—1300); Junior Research Officer (400—40—600); Research Officer (650—50—900); Senior Research Officer (950—1250); Principal Scientific Officer (1000—1500); Principal Research Officer (1000—1500); Deputy Chief Scientific Officer (1300—1800); Chief Scientific Officer (2000—2500)

### Careers in Pharmacy

Apart from the needs of hospitals, Chemists and Druggists' shops, a large number of B. Pharm., M. Pharm. and Ph.D. are required by Pharmaceutical Industries; Drug Control Administration; Laboratories engaged in research on indigenous drugs; Drug testing laboratories and Pharmacy Colleges. Besides, 6500 Pharmacists are required for more than 2500 factories producing pharmaceuticals.

Manufacturers like Alembics, May and Baker, Teddington Chemical and Pharmaceutical Works (Calcutta, Bombay and Kanpur); Central Drugs Laboratory of Govt. of India as Asstt. Drug Control Officers; Govt. Penicillin Factory, Poona; Squibbs Co.; Technical Officers, Central Standard Control Organisation.

Matriculates/S.S.Cs./Higher Secondary with Maths. and Science are admitted for 2-year Diploma Course. F.Sc./Pre-medical will spend one year.



Diploma will be granted after 750 hours practical training in hospitals or dispensaries.

B. Pharm. is a three-year course for Dip. holders in Pharmacy.

M. Pharm. is a two year course for B. Pharm.

Ph.D—M. Pharm. are admitted for at last two years research.

Dispensing Pharmacists with Dip. in Pharmacy get Rs. 100—225 and Hospital Pharmacists with B. Pharm. (Rs. 275—800).

### Careers in Animal Husbandry, Dairying and Vet. Science

*Occupations in Vet. Science*—Veterinary Stockman ; Vet. Compounder ; Vet. Dresser ; Vet. Surgeon ; Research Worker ; Lecturers ; Meat Inspectors ; Slaughter House supdt./Inspector ; Serilogist.

*Occupations in Animal Husbandry*—Gaushala Worker, State Directors of Animal Husbandry.

*Fields of Employment.* State Deptts. of Vet. Science and Animal Husbandry ; Community Projects ; Indian Vet. Research Institutes ; Commissioned Officers in Army Remount, Veterinary and Farm Corps ; Vet Colleges ; Slaughter Houses ; State Dairy Farms ; Cattle Farms ; Milk Colonies ; Army Dairy Farms ; Co-operative Dairies ; Dairy Research Institutes ; Council of Gosamvardhan ; Govt. and Private Gaushalas ; State Federations of Gaushalas and Pinjrapoles.

### Careers in Agriculture

Occupations in Agriculture are a Gardener/Mali ; Gram Sevak ; Overseer ; Field Asstt. ; Agriculture Inspector/Asstt. ; Research Worker ; Specialist Botanist, Agricultural Chemist, Entomologist, Mycologist/Plant Pathologist, Olericulturist, Floriculturist, Horticulturist, Pomiculturist, Silviculturist, Arboriculturist, Landscape Architect, Agronomist, Agricultural Economist, Agriculture Extension Officer ; Asstt./Deputy Director ; Junior/Senior Research Asstt. ; Asstt. Research Officer ; Lecturers ; Professors etc.

*Fields of Agricultural Study.* Agricultural Botany ; Agricultural Chemistry ; Agronomy, Agricultural Economics ; Plant Pathology ; Animal Husbandry and Dairy Farming ; Horticulture ; Zoology etc.

*Fields of Employment.* State and Central Public Works ; Forest, Irrigation and Town Planning Deptts., Research Laboratories ; Agricultural Schools and Colleges ; Community Development Projects ; Public and Private Farms and Nurseries ; Fruit Preservation Factories etc.

*Scope in Agriculture.* Agricultural Demonstrators ; Wheat Breeder in Co-ordinated Wheat Rust Control Scheme ; Upper Subordinates in Provincial Agricultural Services ; Community Project Officers ;



Lecturers in Agricultural Colleges; Soil Chemists in Research Station (Sugarcane), Shahjahanpur; Research Officers (Statistics) in the Indian Council of Agricultural Research; Agricultural Officer at Cattle Breeding Farm, Jabalpur; Asstt. Agronomists; Asstt. to Oil Seeds Specialists for the Coconut Nursery Scheme; Farm Asstt. in Central Indian Coconut Research Station, Kasargad; Agricultural Officer in Milk Colonies at Bombay, Madras and Delhi etc.; Sugarcane Specialists at Sugarcane Research Station, Padegaon; Asstt. Conservator of Forests, Bombay etc. State Services; Technical Asstt.; Economic Botanist; Soil Conservation Officer and Extra Asstt. Directors of Agriculture; Supdts. in Dairy-cum-Bull Farms.

### Careers for Women

*Occupations*—Home Making; Commercial Catering; Dietetics; Dai; Nurse; Health Visitor; Pharmacist; Vaccinator, Auxiliary Nurse; Medical Occupations, i.e., Physician, Surgeon, Dentist; Teacher—(Primary, Montessori, Kindergarten and High School; Music, Dancing, Fine Art, Painting & Designing; Domestic Science; Dietetics; Knitting; Cutting; Tailoring; Embroidery Work; Social Work etc.); Film Industry—Actress, Playback Singer, Script/Dialogue writer; Journalist; Social Work—Delinquency, Labour Welfare, Rural Welfare; Medico Social Work, Family & Child Welfare; Community Administration; Industrial Labour Welfare; Tribal Welfare, House Keeper; Interior Decorator, Air Hostess; Beautician; Typist; Stenographer; Private Secretary; Librarian; Telephone Operator; Machine Operator; Receptionist; Tourist Guide, Village Level Worker (Gram-Sevika), Commercial Photography.

*Fields of Employment in Commercial Catering*—Catering Houses, Clinics, Institutes, Colleges and Women's Organisations.

#### Training in Nutrition and Catering

- (1) All India Women's Food Council, Annapurna Cafeteria, Bombay, conducts 3 months course.
- (2) The College of Catering & Institute Management, Nava, Gujarat, Andheri, Bombay conducts a 3-year diploma course.

#### Training In Dietetics

The All India Institute of Hygiene & Public Health, Calcutta (Dip. Course).

All India Women Council College of Catering, Andheri, Bombay 1 year Dip.



*Nurse, Health Visitor, Auxiliary Nurse.* Matriculates between 18—25 should apply to Director of Health Services of their States. Training period is 2-2½ years in any hospital. Training is free of cost and a stipend of Rs. 20—30 in case of Nurse and Health Visitor and Rs. 50/- in case of Auxiliary Nurse is given per month to meet pocket expenses in addition to free lodging, board and medical facilities.

*Teaching*—Teachers can also take up Vocational Guidance, Career Master's Course, Teacher Counsellor's Course along with ordinary teaching in Schools and Colleges.

*Vaccinator*—Middle School standard entitles a person to seek 3—10 months' training as Vaccinator. Applications to be addressed to Medical Officer of Health Deptt. of Local Bodies.

*Tourist Guide*—The Regional Tourist Officer's Office conducts 2—3 months course.

*Air Hostess*—Smart, good looking matriculate girls between 21—26 with ability to speak English preferably with training as Nurse can seek the job of Air Stewardess/Air Hostess with Air Companies. List of Air Companies is given separately.

### **Training for Disabled and Handicapped**

1. The Home and School for the Blind, Adarsh Nagar, Ajmer. Blind boys upto the age of 18 get training in Handicrafts and Music.
2. Training Centre for Adult Blind, Rajpur Road, Dehradun offers 2 years training in Handicrafts. No tuition fee, Board and Lodging and Clothing free. Rs. 6/- p.m. as pocket money.

Training College for Teachers of the Deaf, Hewett Road, Lucknow, one year Diploma (T.D.)

Lucknow School for Deaf & Dumb, Hewett Road, Lucknow.

Calcutta School for Deaf & Dumb, 293 Upper Circular Road, Calcutta.

School for the Children in need of Special Care, Ravi Lodge, Warren Road, Bombay (2 years).

N. S. D. Industrial Home for the Blind, Bombay.

M. N. Banaji Industrial Home for the Blind, Bombay.

M. N. Banaji Industrial Home for the Blind Women, Dadar, Bombay.



**Teaching the Mentally Handicapped**

The Society for Care, Treatment and Training of Mentally Handicapped Children, Sewri Hill, Bombay, conducts one year specialised course for teachers.

Expenses Rs. 250/-for the full course.



BOOK TWO  
*Careers and Jobs*



BOOK TWO  
Curses and Jells



### (A) CAREERS IN ARMED FORCES

(J.S.W.)—Joint Services Wing—U.P.S.C. holds this competitive exam. twice a year in May and Jan. for unmarried Matriculates between 15-17 years for Army, Air Force and Navy Cadet entry regular.

Admission fee Rs. 37.50 and Rs. 9.37 for scheduled class.

Applications from Secretary, U.P.S.C., Dholpur House, New Delhi.

**Military Wing**—U.P.S.C., Dholpur House, New Delhi holds this competition for entry into Army twice a year in January & June for unmarried Intermediates between  $17\frac{1}{2}$ — $19\frac{1}{2}$  years.

**Indian Air Force Examination**—U.P.S.C. holds this exam. for entry into the Air Force College (general duties Branch—Pilots) for matriculates between  $16\frac{1}{2}$ —20 years twice a year in January and August.

**Indian Navy Examination (Cadet Entry Special)**—U.P.S.C. holds this examination for recruitment of officer cadets in the Navy for Intermediates between  $17\frac{1}{2}$ — $19\frac{1}{2}$  years once in July every year.

**Special Commission in Army**—Technical graduates in Engineering, Medical etc. are recruited for direct commission between 20—27 years of age.

**Special Entry for N.C.C. Cadets**—Unmarried Intermediates with non-medical subjects between  $17\frac{1}{2}$ —20 years who have served for not less than three years in Senior Division of National Cadet Corps & Possessing Certificate (c) appear only for an interview before Services Selection Board and selected candidates are given training with candidates selected through Military Wing. N.C.C. candidates apply through their officer commanding, National Cadet Corps Unit.

**Dufferin Entry**—Candidates with Dufferin first class certificate between  $17\frac{1}{2}$ — $19\frac{1}{2}$  years are recruited just like N.C.C. cadets.

**Direct Entry Officer Cadre (Navy)**—At least 2nd class Graduates with Maths. & Physics between  $17\frac{1}{2}$  and  $19\frac{1}{2}$  years OR Graduates in Engineering between 19 and 23 years (for Instructor Branch) OR holders of certificate of competency as 2nd Mate, Mate of Master between 19 and 23 years (for Executive Branch) OR 1st or 2nd

fitters or Aircraft artificers or Ratings. Vacancies appear in press. Successful candidates after training start with a salary of Rs. 100/- without allowances [as Acting Artificer and go upto Rs. 300/- as Chief Artificer.

Literates preferably read upto Middle between  $15\frac{1}{2}$ — $16\frac{1}{2}$  years are recruited as Boys in Indian Navy for its different branches.

**Dufferin Entrance Exam.**—Governing body. Training ships, Dufferin Mazgaon Pier, Bombay-10 conducts competitive exam. in November for matriculates between 15—17 years.

**Master Mariner**—An apprenticeship course held by Nautical and Engineering college, Azad Maidan, Bombay for matriculates between 15—17 years.

**H.M.I. Dockyard Apprenticeship Admission**—A competitive exam. conducted by Captain Superintendent, H.M.I. Dockyard, Bombay for matriculates between 16—19 years.

**Merchant Navy Rating**—Matriculates and non-matriculates between 18—22 years are recruited by the shipping masters and are trained at Calcutta (Training ship, Bhadra) and Vishakapatnam (Training ship, Mekhala) and Navlakhi. During training besides messing and uniform facilities, the trainees are paid Rs. 10/- per month as pocket money.

Candidates are also taken out of boys who had training at the I.M.N.T.S. 'Dufferin' Bombay Or Scindia Steam Navigation Company, Ballard Estate, Bombay.

Applications to Director, Seamen's Employment Office, Gulam Mohd Bldg., Nicol Road, Bombay.

Besides, one year courses of Sailor, Quartermaster, Boatswain, Home Trade Mates course and Marine Motor Engine Room Mechanic are available to just literates at Marine College, Nova Island near Bombay. Correspond with Nova House, 65, Queen's Road, Bombay-21.



ing Office.

Airmen after training are given the rank of Leading air craftsmen and they can rise upto Master Warrant Officers who go upto the Salary of Rs. 300/- excluding allowances.

**I.A.F. Apprentice**—Matriculates between 15—17½ years with Maths. & Science are recruited for fitter armourer, fitter engines, electrician, instrument repairer, wireless operator mechanic, fitter, airframed and radar mechanic.

**Territorial Army**—Ex-officers of the three services; Ex-V.C.Os. ; J.C.Os. and W.Os. ; Civil Officials serving under the Central or Provincial Governments, and Civilian Gentlemen between 18 and 35 years otherwise medically fit are eligible for Territorial Army Commissions as Officers or Junior Commissioned Officers. For the enrolment of N.C.Os. and O. Rs. ex-N.C.Os. and Other Ranks and Civilians are entitled.

*Recruit Training*—30 days for Provincial limits ; and 128 hours of drill in the evening and at week-ends for urban limits.

*Annual Training*—For two months annually for Provincial limits and for 120 to 240 hours of drill per annum to be completed in the evening and at week-ends and an annual camp of at least four days included in the training period.

*Note*—(i) Ex-servicemen can seek exemption from recruit training but no one from annual training.

(ii) Serving Officers of the T.A. are entitled to use their rank at all times.

*Pay and allowances*—During authorised training, attachment to regular units, for weekly drills attended, and on voluntary courses of instruction, rates of pay and allowances will be the same as those obtaining for the Regular Army.

**Defence Services**—The Services Selection Board, Ministry of Defence, New Delhi, recruits graduates with Mathematics, Physics or Chemistry with first or second class honours degree or equivalent

class Engineer of steamship OR Degree in Marine/Mech. Engg./ A.M.I.E. OR Dufferin Final certificate and 3 years experience OR Final certificate Marine Engg. College (For Engineering Branch) are directly recruited as commissioned officers.

**Short Service Commission (Navy)**—Graduates between 21—25 years for Instructor Branch; (19—23) for Executive Branch; (19—25) for Engineering Branch; (20½—25) for Electrical Branch are directly recruited by Services Selection Board. (Engg. qualification according to the recruitment Branch).

**Artificer Apprentices (Navy)**—Matriculates with Maths. and knowledge of science between 15—17½ years are recruited twice a year as Engine room artificers, Shipwright artificers, Electrical artificers or Aircraft artificers or Ratings. Vacancies appear in press. Successful candidates after training start with a salary of Rs. 100/- without allowances (as Acting Artificer and go upto Rs. 300/- as Chief Artificer.

Literates preferably read upto Middle between 15½—16½ years are recruited as Boys in Indian Navy for its different branches.

**Dufferin Entrance Exam.**—Governing body. Training ships, Dufferin Mazgaon Pier, Bombay-10 conducts competitive exam. in November for matriculates between 15—17 years.

**Master Mariner**—An apprenticeship course held by Nautical and Engineering college, Azad Maidan, Bombay for matriculates between 15—17 years.

**H.M.I. Dockyard Apprenticeship Admission**—A competitive exam. conducted by Captain Superintendent, H.M.I. Dockyard, Bombay for matriculates between 16—19 years.

**Merchant Navy Rating**—Matriculates and non-matriculates between 18—22 years are recruited by the shipping masters and are trained at Calcutta (Training ship, Bhadra) and Vishakapatnam (Training ship, Mekhala) and Navlakhi. During training besides messing and uniform facilities, the trainees are paid Rs. 10/- per month as pocket money.

Candidates are also taken out of boys who had training at the I.M.N.T.S. 'Dufferin' Bombay Or Scindia Steam Navigation Company, Ballard Estate, Bombay.

Applications to Director, Seamen's Employment Office, Gulam Mohd Bldg., Nicol Road, Bombay.

Besides, one year courses of Sailor, Quartermaster, Boatswain, Home Trade Mates course and Marine Motor Engine Room Mechanic are available to just literates at Marine College, Nova Island near Bombay. Correspond with Nova House, 65, Queen's Road, Bombay-21.



**Air Force Technical Officers**—Graduate Engineers between 18—28 years are directly commissioned (as Technical Officers) in the Indian Air Force for its Technical Engineering Branch, Tech. Electrical Branch, Tech. Signallers Branch & Tech. Armament Branch. Marriage is no bar.

Unmarried matriculates with Maths. and Science between 17—20 years are recruited as airmen for many branches of air force.

For some branches as Aircraft hand general duties catering asstt., Mechanical Transport Driver, Musician, Safety equipment worker, Airfield safety operator, Carpenter etc. even non-matriculates are eligible. For recruitment contact the nearest Air Force Recruiting Office.

Airmen after training are given the rank of Leading air craftsmen and they can rise upto Master Warrant Officers who go upto the Salary of Rs. 300/- excluding allowances.

**I.A.F. Apprentice**—Matriculates between 15—17½ years with Maths. & Science are recruited for fitter armourer, fitter engines, electrician, instrument repairer, wireless operator mechanic, fitter, airframed and radar mechanic.

**Territorial Army**—Ex-officers of the three services; Ex-V.C.Os.; J.C.Os. and W.Os.; Civil Officials serving under the Central or Provincial Governments, and Civilian Gentlemen between 18 and 35 years otherwise medically fit are eligible for Territorial Army Commissions as Officers or Junior Commissioned Officers. For the enrolment of N.C.Os. and O. Rs. ex-N.C.Os. and Other Ranks and Civilians are entitled.

*Recruit Training*—30 days for Provincial limits; and 128 hours of drill in the evening and at week-ends for urban limits.

*Annual Training*—For two months annually for Provincial limits and for 120 to 240 hours of drill per annum to be completed in the evening and at week-ends and an annual camp of at least four days included in the training period.

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*Pay and allowances*—During authorised training, attachment to regular units, for weekly drills attended, and on voluntary courses of instruction, rates of pay and allowances will be the same as those obtaining for the Regular Army.

**Defence Services**—The Services Selection Board, Ministry of Defence, New Delhi, recruits graduates with Mathematics, Physics or Chemistry with first or second class honours degree or equivalent



preferably with teacher's diploma as Acting Instructor, Sub-Lieutenant and Commissioned Instructor Officers for I.A.F. and Indian Navy. The I.A.F. also recruit B. Coms/Chartered Accountants for Accounts Branch. Arts and Science Honours graduates between 21—23 are also selected in Equipment and Administrative branches.

**Nursing Service**—Unmarried matriculate ladies between 18—30 years are selected for 3 years nursing training course. Stipend during training.

**J.C.Os.**—No direct recruitment to J.C.Os. Only other ranks get promotions to this rank.

**Deck and Engine Room Crews**—Training is imparted to Indian Seamen as merchant ship crew on the ships 'Bhadra' and 'Lady Fraser' at Calcutta and Visakhapatnam respectively.

**Sailors, Seamens & Serangs**—Two years certificate course at Marine College and Seamens Orphanage, Novha, Bombay Harbour.

Ministry of Transport holds examination for issue of marine certificate.

The I.N.S. Shivaji at Lonawala near Bombay has Mechanical Trg. Establishment where trades as Coppersmithy, Boiler Engg. and Engine Maintenance are taught. Selection is made through a competitive exam. generally held in Nov. every year for the matriculates with Science subjects between 14—17 years. They are trained as artificer apprentices.

The I.N.S. Circars at Vizag recruits through a competitive exam. boys between 15½-16½ years for training as Sailors and Artificers.

Dockyard School Bombay recruits boys between 16—19 years through a competitive exam. held in June every year for a 5 years training course in various aspects of Dockyard Technical Work.

The Technical Trg. College, Jalahalli recruits matriculates between 15-17 years for 2 years training in Technical Trades.

Young boys above 14 can take up apprenticeship and Training in Ordnance Factories.

The Machine Tool Prototype Factory at Ambernath near Bombay recruits matriculates between 14—17 years for 5 years training scheme for special artisans.

**Pre-Sea Service Courses of one year each**—at the Marine College, Nova Island near Bombay.

*Sailor* (khalasi) age above 14 years. Read upto std VII.

*Quartermaster* (Sukani) after Sailors' course.

*Boats Wain* (Sarang)—after Quartermaster's course.

*Home Trade Mates' Course*—after Boatswains' course.



**Marine Motor Engine Room Mechanic Course**—Successful candidates can appear for the exam. to qualify Marine Motor Driver's Permit of the Mercantile.

**For Further Information Contact :**

Director Seamen's Employment Office, Gulam Mohamed Bldg., Nicol Road, Ballard Estate, Bombay-1 & Nova House, 65, Queen's Road, Bombay-2.

**Marine Engg**—Directorate of Marine Engg. Training, New Taratolla Road, Calcutta-27 conducts three years apprenticeship at Bombay or Calcutta and one year full time intensive course at Calcutta to Intermediates in Science between 15½—19 years of age on 1st March. No tuition fee for the first three years and a stipend of Rs. 40/- P.M. Fees for the fourth year are Rs. 1100/-, uniform etc. Rs 450/- and pocket expenses Rs. 250/-.

Successful candidates start at Rs. 400/-P.M. as Junior Engineer and rise upto Chief Engineer Rs. 950/-.

**Executive Branch Dufferin**—Competitive exam. is held in the 1st week of June for matriculate/S.S.C. between 15½—18 years on 1st July for a two-year course to be Executive Officer in Merchant Navy. After this course at Training Ship Dufferin cadets are appointed as apprentices in a Shipping Company for 3 years. Then they are entitled to appear for exam. of the Ministry of Transport for the Certificate of Competency as Second Mate. During training expenses are Rs 80/- P.M. After 3 years apprenticeship and having obtained a second Mates Certificate one becomes Junior Officer (Rs 475/- P.M.). Further promotion as Senior Chief Officer Rs 740/- to Rs. 850/- and further as Master on Rs. 970/- to Rs. 1746/-.

**Civil Pilots Training**

The certificates are :

1. Indian Pilots 'A' license.
2. Passenger Carrying Certificate.
3. Commercial Pilots 'B' license.

Total cost of obtaining an amateur license comes to about Rs. 2000/- and a professional license Rs. 5000 to 6000/-. Apply to Director Civil Aviation Trg. Centre, Allahabad.

**Aeronautical Ground Licenses.**—Ground Engineers 'A' and 'X' licenses issued by the Directorate of Civil Aviation (D.G.CA.), New Delhi. Training at Government Civil Aviation Centre, Allahabad. F.Sc, or Senior Cambridge with Mathematics, Physics and Chemistry or Licentiate in Mechanical Engineering age 18—23 years (and 25 for graduates in Aeronautics, Engineering, Mathematics or Physics) 3 years course. Fees Rs. 1200/- per annum.

**Commercial Pilots.**—Matriculates with Physics and Mathematics

between 17 and 21 years (upto 23 in case of Postgraduates in Physics or Mathematics or Diploma/Degree holders in Engineering) are trained for two years for 'B' licence (Public Transport Pilots Licence) at Civil Aviation Training Centre, Bamrauli, Allahabad. Fees Rs. 3500/-. Recruitment by Director General of Civil Aviation, Talkatora Road, New Delhi.

Secretary General Aero Club of India, New Delhi invites applications for the Scholarships from Matriculates between 17 and 24 years for flying training upto 50 hours. Training at all flying clubs. Training is also available at Flying Clubs for 'A' license to fly private aeroplanes. The charges are Rs. 10 to 25 per hour.

### Flying Course Pilot's 'A' License

Bihar Flying Club, Civil Aerodrome, Patna (Commercial Pilot License 'B')

Kerala Flying Club Ltd., Civil Aerodrome, Trivandrum.

Government Flying School. Jakkur Aerodrome, Yelakanka.

Northern India Flying Club, Jullundur Cantt.

Rajasthan Flying Club Ltd., Sanganer Aerodrome, Jaipur.

Bengal Flying Club Ltd., Barrackpur Aerodrome. R. S. Palta. Dist. 24 Paraganas, W.B.

M.P. Flying Club Ltd., Nagpur.

Bombay Flying Club Ltd., Juhu Aerodrome, Santa Cruz, Bombay.

Civil Aviation Training Centre, Bamrauli, Allahabad (Rs. 4500/- full course).

Hind Provincial Flying Club Ltd., Shahnajaf Road, Lucknow.

**Conversion Course in Dakota Aircraft**—Civil Aviation Training Centre, Bamrauli, Allahabad, Pilots with 'B' License (Rs. 1000/- full course).

**Engineering (Ground)**—Hind Provincial Flying Club Ltd., Shahnajaf Road, Lucknow (Rs. 25/- per hour).

*Air Force Recruiting Offices are situated at :*

Ambala Cantt.—A. F. Station 17, Majumdar Lines, Church Road.

Bangalore Cantt.—Infantry Road End, High Ground.

Bombay—A.F.I. Building, Hospital Lane, Dhobi Talao.

Calcutta—No. 1, Gokhale Road.

Jodhpur—A.F. Station.

Jorhat—(Assam) A.F. Station.



Kanpur Cantt.—No. 9, Wheeler Barrack, Cambridge Road.

Manaori—A.F. Station.

New Delhi—A.F. Station, Safdarjang.

Poona—A.F. Station.

Pulgaon—A.F. Station.

Tambaram—A.F. Station.

*Army and Naval Recruiting Offices are situated at :—*

Lucknow	Patna	Trichinopoly
Satara	Delhi	Ranchi
Belgaum	Rajkot	Gwalior
Cuttack	Visakhapatnam	Bilaspur
Meerut	Jalpaiguri	Ernakulam
Jullundur	Varanasi	Silchar
Poona	Ambala	Bareilly
Berhampur	Bombay	Amritsar
Almora	Muzaffarpur	Nagpur
Dharamsala	Lansdowne	Bangalore
Jabalpur	Srinagar	Calcutta
Madras	Aurangabad	Ajmer
Shillong	Secunderabad	Kolhapur
Ferozepur	Rohtak	Kotah
Jodhpur	Jammu	Kundaghat
Ghoom	Indore	Simla
Doda	Jorhat	Rewa
Asansol	Kolhapur	Amraoti

## (B) CAREERS IN INDIAN RAILWAYS

More than a million people are employed by Railways and this number is increasing day by day. Besides the jobs directly concerned with railways, they have every type of Engineers, Doctors, Nurses and Teachers for their Engineering Department, Hospitals and Schools. Railways offer their employees the facilities of housing, sports and medical treatment, educational assistance, retirement benefit, leave benefit and free passes and concessional tickets.

The following type of jobs exist in railways. All the class I jobs are recruited by U.P.S.C. either through competitive exams. or directly.

For all the class II jobs only class III employees are promoted. For Class III jobs recruitment is made through the Railway Service Commissions Bombay and Madras. The jobs are given below with pay scales in brackets and the channel of promotion also.

**Transportation (Traffic) Deptt.**—Matriculates between 18-22 years are recruited as under :—Note : These are old scales and exclusive of all allowances.

(i) Signallers (Rs. 60-150), Asstt. Station Master (Rs. 80-170), Station Masters (Rs. 100-185), with maximum of Rs. 500/-.

They can go upto Section Controllors, Yard/Station Masters and Traffic Inspectors.

(ii) Guards (Rs. 80-170), (Rs. 100-185), (Rs. 150-225). They can go upto Station Masters and Asstt. Station Controllors & Traffic Inspectors.

Matriculates between 18-25 years are taken as Probationary Guards.

(iii) Graduates between 20-24 years are recruited as Traffic Apprentices and then after training appointed as : Asstt. Station Masters/Asstt. Yard Masters/Yard Masters/Movement Inspectors (Rs. 150-225). Their promotion as per (ii).

**Outdoor Clerical staff**—Lady Waiting Room Attendant between 40-45 years (Rs. 60-75).

Train Examiners (Rs. 55-64), Trains clerk/Number takers Matriculates between 18-25 years (Rs. 60-130).

They go upto Yard Masters (Rs. 300-400).

**Traffic Commercial Deptt.**—Passenger Guide/Lady Passenger



Inspectors (Rs. 60-150), Ticket Collectors (Rs. 60-130), Travelling Ticket Examiners (Rs. 60-130), Asstt. Rates Inspector (Graduate) (Rs. 150-225).

Matriculates between 18-22 years Commercial Clerks (Rs. 60-150), Promotion Head Clerks—Convassers—Commercial & Goods Inspectors (Rs. 360-500).

**Transportation Power Department**—Engine Cleaners\* (Rs. 30-35), Aug Wallahs (Rs. 40-50), Fireman (Rs. 50-60), Shunters (Rs. 60-80), (Rs. 60-150), (Rs. 75-150).

Asstt. Drivers, Drivers (Rs. 80-185), (Rs. 160-300), (Rs. 260-350), Traffic Apprentice (Graduate) (Rs. 100-5-110).

This staff gets running allowance also.

Suitable Drivers can become Power Controllors—Asstt. Loco foreman—Loco Inspectors & Fuel Inspectors.

All Engineering Departments employ people with Degree or Diploma in the particular Engineering. For lower jobs they must have passed upper subordinate class exam. at Roorkee or equivalent. For direct recruitment as Inspector, the candidate should hold a degree in Engineering.

#### **Civil Engineering Department—**

Tracer : Matric with Drawing (Rs. 60-150)

Junior Draftsman Surveyor : Dip. in Engg. or Draftsmanship (Rs. 100-185).

Asstt. Inspector of Works : Dip. in Civ. Engg. (Rs. 150-225)

Apprentice Permanent Way Inspector (Rs. 100-110).

Asstt. Permanent Way Inspector (Rs. 150-225)—Permanent Way Inspector (Rs. 200-300), (Rs. 260-350), (Rs. 360-500).

Apprentice Inspectors of Works (Rs. 100)—Asstt. or Sub-Inspector of Works (Rs. 150-225)—Inspector of Works (Rs. 200-300), (Rs. 264-350), (Rs. 360-520), Asstt. Water and Drainage Inspector (Rs. 150-225).

Surveyors (Rs. 150-225), Diploma in Civil Engineering.

Apprentice (Rs. 100), Bridge Inspectors (Rs. 150-225), Asstt. Bridge Inspectors/Bridge Inspectors (Rs. 200-300), (Rs. 260-350), (Rs. 360-500).

**Mechanical Department**—Unskilled (Rs. 30-35), Semi-skilled (Rs. 35-60), Master Craftsman (Rs. 125-185), Laboratory Asstt. B.Sc. Chemistry or Metallurgy between 20-30 years (Rs. 80-220).

Skilled artisan (Rs. 60-130), Mistry (Rs. 100-185), Asstt. Draftsman (Rs. 100-185), Trade Apprentice (Rs. 35-39) (Qualifications

middle) Apprentice Mechanic (Rs. 55-67). Filter Operator (Rs. 100-185).

Apprentice mechanics are : fitters, machinists, boiler makers, moulders, pattern makers, blacksmiths, tool makers, body builders, machinist (wood working) painters, electricians, welders, millwright, block maintainers, etc.

Those who have diploma in mechanical engineering are taken as chageman (Rs. 150-225), (Rs. 200-300), Asstt. Foreman (Rs. 260-350), Foreman (Rs. 300-400) & (Rs. 360-500).

The unskilled staff can go upto Master Craftsman (Rs. 125-185), while mistry and apprentice mechanic can be promoted in category of Chageman, Asstt. Foreman & Foreman.

The training of apprentice mechanic is held at

- (i) Chittaranjan Locomotive Works (West Bengal)
- (ii) Integral Coach Factory—Perambur (Madras)

Matriculates between 18-21 years are recruited by Railway Service Commission, Churchgate, Bombay as apprentice train examiners whose prospects are Apprentice Train Examiner (Rs. 55-64), Train Examiner (Rs. 100-185), Carriage & Wagon Inspectors (Rs. 360-500).

**Draftsmen**—25% vacancies are for persons holding a degree or diploma in Mechanical/Electrical Engineering.

Matriculates get 5 years training and (Rs. 55-3-60) stipend during training. Diploma Holders get 2 years training and (Rs. 80-85) stipend during training. After training they are appointed as Improver Draftsmen and the prospects are :

Improver Draftsman/Asstt. Draftsman (Rs. 100-185), Draftsman (Rs. 150-225), (Rs. 260-350), (Rs. 300-400), (Rs. 360-500).

*Civil Engg. Deptt.* (Drawing office staff)

Tracers (Rs. 60-150), Asstt. Draftsmen Estimators (Rs. 100-185).

Draftsmen (Rs. 150-225), Head Draftsmen (Rs. 300-400), Chief Draftsmen (Rs. 360-500).

Applications can be had from Station Masters of Principal Railway Stations.

**Electrical Deptt.**—Journey man (Rs. 100-188), Test Room Asstt. (Rs. 100-185), Asstt. Operator (Rs. 100-185), Asstt. Coal Conveyor Attendant (Rs. 60-130).

**Signal and Telecommunication Deptt :**

Apprentice Signal Maintainers Electrical/Wireless Maintainers/ F.Sc. or matriculates with diploma or Degree in Electrical/Mechanical Engg. (Rs. 55-3-58).



Apprentice Signal Inspector (Rs. 100-115), Asstt. Signal Inspector (Rs. 150-225), Signal Inspector (Rs. 200-300), (Rs. 260-350), (Rs. 300-400), (Rs. 360-500).

Apprentice Telecommunication Inspector (Rs. 100-150), Telegraph Overseer Trainees (Rs. 80-160), Wireless Teleprinter Mechanics (Rs. 100-185).

**Ministerial Staff**—Typist/clerks—(Rs. 60-130). Sub. Head—Head Clerk—Chief clerk—Office Supdt.

Stenographers (Rs. 80-220), (Rs. 200-300), (Rs. 260-350).

**Accounts Deptt.** (Cash and Pay Branch) Shroffs (Rs. 100)—Pay clerks (Rs. 100-185)

Junior Finger Print Examiners (Rs. 100-185), further (Rs. 160-250) and (Rs. 360-500) grades.

(Admin. Branch) Sub Head (Rs. 160-250), Senior Sub Head (Rs. 200-300).

Junior Accountant (Rs. 200-350)—Senior Accountant (Rs. 300-500).

Stock verifier (Rs. 160-250), (Rs. 200-300)—Junior, Inspector of Station Accounts or Stores (Rs. 200-350), (Rs. 350-500), Senior—(350-500).

**Stores Deptt.**—Stores clerks (Rs. 60-130), Asstt. War ledger keeper, Ward Keeper (Rs. 80-160)

Asstt. Store Keepers (Rs. 150-225), Deptt. Stores Keepers (Rs. 260-350), (Rs. 300-400), (Rs. 360-500).

Printing Press Section Copyholder/Reader (Rs. 60-130).

**Rly. Protection Force** :—Sainiks (Rs. 30-35). Naiks (Seal Checkers) (Rs. 35-40),—Havildars (Rs. 40-60), Subedars (Rs. 60-120), Sub-Inspectors (Rs. 80-160), (Rs. 150-225), Inspectors (Rs. 200-300), (Rs. 260-350), (Rs. 300-400).

**Medical Staff and Teaching Staff** :—Railways employ Surgeons and Radiologists, Pathologists, Malariologists, Railway Inspectors, Nurses, Midwives, Compounders etc. for the railway hospitals, and all types of teachers for railway schools. The prospectus and training of these are given in detail in Medicine and Teaching Sections. Railways generally offer the following grades to this staff :

#### **Medical :—**

Asstt. Surgeons/Radiologists/Pathologists/Malariologists (Rs. 100-300), (Rs. 260-500).

Sanitary Inspectors (Rs. 60-150), (Rs. 150-225), (Rs. 200-300) ; Health Visitors/Nurses (Rs. 100-185), Sister Incharge (Rs. 200-300), Matron (Rs. 300-400).

Midwife (Rs. 60-105), Compounder/Dispenser (Rs. 60-130), Laboratory Asstt. (a) (Rs. 60-250), (b) (Rs. 80-200).

**Teaching :—Primary School—**Matric Trained Teacher (Rs. 68-4-120 EB-5-170).

Matric Trained Headmaster gets special pay of Rs. 15/-.

*Middle School Graduate Trained JAV, SAV or BT*—or untrained graduate teacher with five years experience (Rs. 100-5-150-8-190-10-250).

Language teacher—(Rs. 80-5-120-8-200-10/2-220).

Headmasters trained graduate get Rs. 40/- as a special allowance if classes are I to VII and Rs. 25/- if the classes are VI to VIII.

*High Schools—*Teachers & Language teachers—Rs. 120-8-200-EB-10-300.

*Headmaster*—Rs. 250-10-300-20-400-EB-20-500.

*Higher Secondary School—*M. Sc. or M.A. grade (Rs. 200-10-250-15-325-EB-15-400), B.A. Grade—(Rs. 120-8-200-EB-10-300), Untrained Graduates (Rs. 80-5-120-EB-8-200-10/2-220), Drawing Teacher Graduates (Rs. 120-300), Drawing Matriculates (with 4 yrs. training). (Rs. 100-4-140-EB-135-190-10-225).

Drawing Teachers (Matriculates) with 2 years training (Rs. 80-220).

Physical Training Instructors B.A. with Diploma (Rs. 120-300), Intermediate with Diploma—(Rs. 100-250), Matric with Diploma (Rs. 80-220), Lower Qualifications (Rs. 68-4-120-EB-5-170).

*Domestic Science Teachers—*Graduates with diploma (Rs. 120-300), Intermediate with Diploma (Rs. 100-250), Matric with diploma (Rs. 80-220).

**Recruitment Class III Services :—**Recruitment to class III staff is made by Railway Service Commission, Allahabad, Bombay, Calcutta and Madras.

R.S.C. Allahabad is for (1) Northern Railway, (ii) North Eastern Rly. (ex. O.T. Rly. Zone), (iii) Ganga Bridge Project.

R.S.C. Bombay (i) Western Rly. (2) Central Rly. (Ex. Secunderabad Div.).

R.S.C. Calcutta (1) Eastern Rly. (2) South Eastern Rly. (Ex. Assam Zone of North Eastern Rly.).

R.S.C. Madras (1) Southern Rly. (2) Secunderabad Div. of Rly. (3) Integral Coach Factory, Perambur.

For other class III jobs test is held by Rly. Telegraph Supdt. and the jobs are open to Matriculates.



**Special Class Apprentices for Railways.**—A four years course held for candidates between 16-19 years on 3rd Aug. selected by U.P.S.C. May/June every year. Recruitment for Mechanical Engg. and Transportation (Power) Departments of the Superior Revenue Establishment of Indian Rlys. Stipend of Rs. 150/- P.M. for the first three years and Rs. 125/- P.M. during the fourth year.

Special Class Apprentices through U.P.S.C., age 16-19 years for Intermediate non-medical or Pre-engineering of Delhi Polytechnic.

### Departmental Trg. Schools

*Rly. Training Schools* are located at Jhansi, Jamalpur, Kanchrapara, Lillooah, Lucknow, Gorakhpur, Bangalore, Kharagpur, Ajmer, Chittaranjan, Perambur, Ghaziabad, Madhopur and Secunderabad. Duration of Trg. for apprentice mechanic is five years and for Trade apprentice  $3\frac{1}{2}$  years. Trainees get stipends during Trg. period. 95 Inspectors for Signals and Telecommunication are trained each year at the Indian Rly. School of Signals and Telecommunication, Secunderabad and 200 candidates for Asstt. Inspectors of Works, Draftsmen and Work Mistries are trained every year at Technical Training Centre, Madhopur.

*Rly. Workshops* are situated at Parel, Matunga, Jhansi, Lallaguia Jamalpur, Lillooah, Kanchrapara, Gorakhpur, Allambagh, Charbagh, Kharagpur, Perambur, Trichinopoly, Hubli, Mysore, Ajmer (Loco.), Ajmer (Carriage), Dohab, Parel and Mahalaxmi (Carriage and Workshops).

*Training of Inspectors*—Railway School of Signals and Telecommunication, Secunderabad.

*Assistant Inspector of Works, Draftsmen and Work Mistries Training*—Technical Training Centre, Madhopur.

## (C) CAREERS IN COMMUNITY DEVELOPMENT

Community Development has a programme called the "National Extension Service". For each NES block they require one Block Development Officer, 4 Extension Officers (one each in agriculture, animal husbandry, cooperation, and panchayats and village industries). Two Social Education Organizers (one man and one woman), one overseer, ten village level workers (gram sevak & gram sevikas), one progress asstt., one accountant-cum-storekeeper, one typist clerk and 3 messengers.

Each Community Development Block besides the staff mentioned above for National Extension Service has on its strength two village level workers, two veterinary stockmen, 2 veterinary messengers, one medical officer, one compounder, one sanitary inspector, one lady health visitor and four midwives.

### Recruitment, Pay & Training

*Block Development Officer*—(Rs. 250—400), Graduate in Arts or Science : Eight weeks training.

*Training Centres* : Nilokheri (Pb.), Himayatsagar (Andhra), Ranchi (Bihar) and Lucknow. B.D.O. can expect further promotion as District Project Officer and District Village Panchayat Officer.

### For Extension Service Scheme

*Extension Officers* : (Agriculture) (Rs. 200) Graduate in Agriculture.

*Extension Officers* : Animal Husbandry (Rs. 200), Graduate or Diploma Holder in Veterinary Science.

*Extension Officers* : Industries (Rs. 200), Degree or Diploma in Engineering.

*Extension Officers* : Cooperation (Rs. 200), Degree in Economics or Commerce.

*Social Education Organizers* : (Rs. 200), Degree in Sociology/Social Sciences/Anthropology.

While the Extension Officers for Village Industries & Social Education Organisers for Community Development programme require the same qualifications and get the same pay as for Extension Service Scheme, their training is as under :



**Training Centres :** Dhuri (Pb.), Bhavnagar (Bombay), Himayat Sagar (Hyderabad), Faizabad (U.P.), Kotah (Rajasthan), Tirupati (Madras), Kalyani (West Bengal) and Gopalpur on Sea (Orissa).

**Progress Assistant:** Graduates in Economics/Commerce/Statistics/Mathematics/Science or Computers certificate Part I.

### **Extension Officers for Village Industries for Community Development**

Undergo one year extensive training course. Four months in a small industries Service Institute under the Small Scale Industries Board at New Delhi, Calcutta, Madras or Bombay and eight months training in a Khadi and Village Industries Commission at Nilokheri (Pb.), Ahmedabad, Nasik and Wardha (Bombay), Kallupati (Madras), Krishnarajapuram (Bangalore), Sadaquat Ashram (Patna) and Hyderabad.

**Social Education Organisers** have to complete five months' training course run by the Ministry of Community Development at Nilokheri, Allahabad, Himayat Sagar, Indore, Sriniketan (West Bengal), Belur Math (Calcutta), Ranchi, Udaipur, Baroda, Gandhigram (Madras), Gargoti (Bombay), Perianaskeopalayam (Coimbatore Distt.) and Gopalpur-on-Sea (Orissa).

**Health Personnel**—Orientation training centres have been set up by the Union Ministry of Health at Singur & Belur Math (West Bengal), Poonamallee (Madras), Najafgarh (Delhi) and Udaipur to train Compounders, Sanitary Inspectors, Lady Health Visitors and Midwives.

For further information contact the undermentioned Extension Training Centres directly.

Anakapalle, Bapala, Gopannapalam, Kalahasti, Nandyal, Rajendranagar (2 centres) & Samalkot in *Andhra Pradesh*; Shillong, Jorhat, Khannapara, Arunachal in *Assam*; Monghyr, Muzaffarpur, Patna and Ranchi in *Bihar*; Amravati, Tharsa, Jalna, Buldana, Jalgaon, Kolhapur, Manjri, Parbhani & Sindewahi in *Maharashtra*; Antri, Betul, Chandkhuri, Obeidullagunj, Powerkheda, Satrati & Nowgong in *Madhya Pradesh*; Anand, Baroda, Junagadh, Morvi & Surat in *Gujarat*, Mashobra in *Himachal Pradesh*; Malangpura in *J & K*; Kottarakara; Peroorkada & Tali Paramba in *Kerala*; Aduthurai, Bhavanisagar, Kovipatti, Krishanagiri, S.V. Nagaram, Pattu Kottai & T. Kallupatti in *Madras*, Bagalkot, Dharwar, Gangavati, Kudige, A.R. Station & Mandya in *Mysore*; Balasore, Bhubaneswar, Bolangir, Dhenkanal & Ganjam Pathera in *Orissa*; Batala, Nabha & Sirsa in *Punjab*; Deoli, Mandore, Kotah, Swai-Madhupur & Udaipur (HQ at Kotah) in *Rajasthan*; Bakshi Ka Talab, Asafpur, Baraut, Bullandshahr, Bichpuri, Chirgaon, Dohrighat, Faizabad, Ghatigat-Fatehgarh-Furrukhabad, Gorakhpur, Ghazipur, Gurukul Kangri, Hawalbagh,



Jhusi, Kalakankar, Lakhna, Mainpuri, Lakhaoti, Pauri, Pratapgarh, Rajghat, Rampur, Maniharam, Rudrapur & Tamkoshi in *U.P.*; Burdwan, Chinsurah, Fulia I & Fulia II in *West Bengal*; Pasighat in *N.E.F.A.*

Home Science Wings in above centres give training to Gram Sevikas.

**Gram Sevaks & Gram Sevikas**—Read upto Middle standard but preferably Matriculates selected by their State Govts. are imparted 2 years Trg. for Gram Sevaks and one year for Gram Sevikas at these centres. Each centre has the capacity of 50 Gram Sevaks and 40 Gram Sevikas (where Home Science wing exists). During Training a Stipend of Rs. 49 to 50 is given to each trainee. During Refresher Courses of two months and one month for Agriculture and Animal Husbandry imparted at 14 centres the Gram Sevaks get Rs. 30/- in addition to pay.

**Gram Sevak Instructors**—Extension Education Institute, Nilokheri imparts 3 months courses to 30 trainees at a time who get Rs. 75/- in addition to their pay during training period. Two more institutes at Hyderabad and Anand (Gujarat) are set up.

Five Extension Wings are established in Agricultural Colleges at Haringhalta (W.B.), Nagpur and Poona (Maharashtra), Rajendranagar (Andhra Pradesh) and Ludhiana (Pb).

Each Gram Sevak Trg. Centre will organise ten youth clubs and the members of the club will be helped to take up projects like poultry keeping, vegetable growing, nursery raising, food preservation, bee keeping, soap making, dolls and toy making, canework, spinning, carpentry etc. In the workshop wings attached to these centres village artisans will be trained.

Matriculates get 6 months training as Village Level Workers at centres of Palgat, Gandhigram, Kullupatti and Samalkot. Recruitment to gazetted jobs is done by State Public Service Commission and to some of the junior jobs by the Development Commissioner of the State.

For Training as Veterinary Compounders & Dressers contact State Director of Veterinary Science and Animal Husbandry.



## (D) CAREERS IN POLICE

Police is another Deptt. which employs a large number of people. It has various branches like Radio, C.I.D. Crime, Special C.I.D. Security, Traffic, F.R.R.O., Anti-corruption, Wireless, Special Police Establishment and Intelligence Bureau. Special Police Establishment and Intelligence Bureau are two special items under the Home Ministry, Government of India.

A lot of Class IV staff like Barbers, Dhobis, Tailors, Mochis, Cycle Mistries, Daftry, Jamadar Sweepers, Cooks, Water Carriers, Malis, Bahishties and Peons is also recruited besides regular Police services.

There is a certain class III staff like clerks, typists, stenographers, auditors which is also recruited besides regular police services.

The age limit for all the services in Police is between 18-25 yrs. The constable is generally middle pass though matriculates are preferred. Recruitment is done by S.P. Headquarter in each District while the posts of A.S.I., S.I. and Inspectors and sometimes even D.S.P. are filled by I.G., Police. The qualifications for A.S.I., and S.I. are Intermediate though graduates are preferred. For Inspectors and above only graduates are eligible. *25% of the vacancies above the rank of A.S.I. upto D. S. P. are filled departmentally.* Normally it takes about twelve years for an A.S.I. to become Inspector. D.S.P. and further promotions are for the officers selected through I.P.S. exam. conducted by U.P.S.C.

Matriculates otherwise physically fit for Police are recruited directly as Head Constables for clerical jobs.

The grades offered in Police are as follow :—

Foot constables=(75—95), (85—110) Selection grade ; *Head Constable*=(110—130) ; *A. S. I.*=(130—175), *S. I.*=(168—240) ; *Inspector Prosecution*=(250—450) ; *Inspector Radio Supervisor Executive/Clerical/Techn.* (325—475).

All the ranks get a little higher grade if in Selection grade. Every one gets a Special Pay of Rs. 3 to Rs. 50/- P.M. varying for different ranks in different branches of Police.

*Radio Mechanics* (150—380), *Radio Operators* (150—300), *Tech. Storeman* (130—320), *Auditors* (270—575) plus 20% Deputation allowance upto the maximum of Rs. 50/-.

Stenographers	130—300,	+
	168—300,	
	210—475,	

recruitment. The recruitment of all class IV servants and foot constables and Head Constables is done by Superintendent of Police of the District.

The recruitment for A.S.I. and above is conducted by I.G. A Board is set up for the purpose. A written test or just interview of the candidates is conducted by the board for the purpose.



and Packers/Mail Peons/Stamp Vendors in the grade of (Rs. 55—60), Postman/Village Postman and Mail Guards are also middle pass in the grade of (Rs. 65—95). Jamadars in Post Office/R.M.S. and Daftry and Machine Operator in the grade of (Rs. 80—110). Head Postman/Stg. Postman/Overseers and Caretakers get (Rs. 105—135) and special grade (Rs. 135—155).

All the class III and class IV staff is recruited by class II officers that is Postmasters/Suptd.

Administrative Clerk (Lower and Upper Grade); Operative Officer/Clerk Middle Grade; Sorters and such like class III staff are in the grade of (Rs. 110—240). Same in the case of Telegraphists/Telephone Operators/Telephone Mechanics.

Supervisory staff includes Supervisor/Asstt. Postmaster or sub-Postmaster. The Director General of Posts and Telegraphs holds a Competitive Departmental Examination on All India basis for the posts of Inspectors, Asstt. Suptd., and H.S.G. This exam. is only for the staff working in the Department. Outsiders are not permitted. The grades of pay for Inspectors or L.S.G. in Circle/Admin. Offices is Rs. (210—380) while L.S.G. in Operative Offices is Rs. (210—320) and H.S.G. the highest class III staff is in the grade of (Rs. 335—15—425).

For class II posts of Postmasters/Suptd., 50% staff is promoted from class III. Most of the class II Gazetted and class I posts are recruited by U.P.S.C. through Competitive Exams. Graduates between 21 and 24 years are entitled to appear. U.P.S.C. also recruits Diploma holders in Mech./Automobile Engg. below 30 years for the post of Manager, P & T Motor Services and Degree holders in Engg. between 20 and 25 years for Asstt. Div. Engineer, Telegraphs.

**Other Staff**—Carpenters are recruited in the Grade of (Rs. 85—128); Mechanics or Head Carpenter in (Rs. 110—180). Selection grade for Mechanics, Head Carpenters and Drivers is (Rs. 175—240). Building Overseers are recruited in the grade of (180—380) while selection grade is (Rs. 335—485). For the post of Engg. Supervisors (Rs. 100—300) Diploma holders in Engg. between 19 and 24 years are recruited.

*L.D.C./Junior Clerks (110—180), (150—240) Selection grade.*

*Steno-typist-Junior Clerk/L.D.C.+Rs. 15/- or Rs. 20/-.*

*Barbers/Dhobis (110—131).*

*Tailors/Mochis/Cycle Mistries (85—110).*

*Daftry and Jamadar Sweepers (75—95), Sweepers, Cooks, Water Carriers, Malis, Bahishties and Peons (70—85).*

**Recruitment.**—The recruitment of all class IV servants and foot constables and Head Constables is done by Superintendent of Police of the District.

The recruitment for A.S.I. and above is conducted by I.G. A Board is set up for the purpose. A written test or just interview of the candidates is conducted by the board for the purpose.



## (E) CAREERS IN P. AND T. DEPTT.

Postal services employ a large number of people. It is divided in four different services namely Q.M.S., Telegraph, Telephone, and Postal.

Starting from Boy Peon/Messenger in the grade of (Rs. 55—60) and Packers/Mail Peons/Stamp Vendors in the grade of (Rs. 70—85), Postman/Village Postman and Mail Guards are also middle pass in the grade of (Rs. 65—95). Jamadars in Post Office/R.M.S. and Daftry and Machine Operator in the grade of (Rs. 80—110). Head Postman/Stg. Postman/Overseers and Caretakers get (Rs. 105—135) and special grade (Rs. 135—155).

All the class III and class IV staff is recruited by class II officers that is Postmasters/Suptd.

Administrative Clerk (Lower and Upper Grade); Operative Officer/Clerk Middle Grade; Sorters and such like class III staff are in the grade of (Rs. 110—240). Same in the case of Telegraphists/Telephone Operators/Telephone Mechanics.

Supervisory staff includes Supervisor/Asstt. Postmaster or sub-Postmaster. The Director General of Posts and Telegraphs holds a Competitive Departmental Examination on All India basis for the posts of Inspectors, Asstt. Suptd., and H.S.G. This exam. is only for the staff working in the Department. Outsiders are not permitted. The grades of pay for Inspectors or L.S.G. in Circle/Admin. Offices is Rs. (210—380) while L.S.G. in Operative Offices is Rs. (210—320) and H.S.G. the highest class III staff is in the grade of (Rs. 335—15—425).

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### Departmental Competitive Exams.

(a) Recruitment to certain subordinate services of the Indian Posts and Telegraphs Department is made through a Competitive Exam. for matriculaters between 17-23 years. The services are :

1. Telegraphists
2. Telephone Operators (Women not eligible)
3. Clerical Service in Post Office
4. Railway Mail Sorters
5. Clerks in Dead Letter Offices

(b) Mechanics between 20—24 years who possess a Diploma of a vocational or industrial institute.

(c) Engineering Supervisors Competitive Exam. for Intermediates with Maths. or Physics as optionals.

### Training Facilities in Posts and Telegraphs Department

Posts and Telegraphs Training Centre, Saharanpur (U.P.) gives instructions in the Postal, R.M.S., Telegraphs and Telephones work. Training Centre, Jabalpur, trains Engineering Supervisors, Repeater Station Assistants and Wireless Operators.

Training in Telegraphy exists at Bangalore and Belgaum. Training lasts for 9 months. Trainees are paid stipend of Rs. 55 p.m. during training. Telegraphists in the scale of (Rs. 110—240) go upto Telegraph Masters (Rs. 210—380) on the basis of a Competitive Examination.

**Telephone Operators**—Matriculates can have a few weeks training at any telephone exchange. They are generally paid a stipend of Rs. 50 p.m. during training. Then taken up in the scale of (Rs. 110—240) rise upto Monitors, Phone Inspectors and Repeater Station Assistants.

Mechanics also get 6 months training. During training they are paid Rs. 40 p.m. and later (Rs. 110—180) while Selection Grade Mechanics get (Rs. 125—240).

Suitable mazdoors are trained for four months as Linemen at a stipend of Rs. 25 p.m. and then absorbed in scale of (Rs. 75—95).

Postal signallers get six months training. They are paid their usual salary during training period.

Postal Clerks and R.M.S Sorters get 3 months training at a stipend of Rs. 50 p.m. and then taken up in the scale of (Rs. 110—240). The staff has promotion avenue as Inspectors (Rs. 210—310) and as Postmasters (Rs. 210—425).



## *Chapter Two*

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### **JOBS AND SCALES OF PAY**

#### **Where to seek a Clerical/Administrative Job**

1. Central Secretariate, New Delhi (all the Ministries).
2. Provincial Secretariate—each Provincial Capital.
3. Deputy Commissioner's, Commissioner's and Financial Commissioner's Offices.
4. State Health, Public Relations, Rationing and Civil Supplies Directorates.
5. Income Tax, Customs and Excise, Sales Tax and Entertainment Tax Offices.
6. Life Insurance Corporation, Employees State Insurance Corporation, and Fire and General Insurance Companies.
7. Banks.
8. Research Institutes, Colleges, Universities.
9. Important Indian and Foreign Companies.
10. Factories, Mills, Ordnance Factories.
11. Newspapers.
12. Cinemas, Hotels, Hospitals.
13. Indian Airlines Corporation and other important Airlines and Shipping Companies.
14. Corporations, Municipal Committees and local bodies.
15. Red Cross, Bharat Sevak Samaj, Social Welfare Board.
16. Panchayats, Cooperative Stores and Govt. Shops.
17. Police, Railway, Posts and Telegraphs, Jails and Fire Brigades Stations.
18. Tea Estates etc.

#### **Jobs in Customs Department**

1. Preventive Officer Grade I (Rs. 125 to 350), Graduates through Employment Exchange,

2. Preventive Officer Grade II (Rs. 68-80-170), Intermediates through Employment Exchange.

3. Wharfinger (Rs. 68-170), Intermediates through Employment Exchange.

4. Appraiser (Non-gazetted class II) (230-265), Graduates through U.P.S.C.

5. Examiners (Rs. 125-160-400), Graduates through Employment Exchange.

6. Chemical Asstt. (Rs. 160-330), M.Sc. by Chief Chemist direct.

7. Senior Laboratory Attender & Storekeeper (Rs. 75-105), Matriculate through Employment Exchange.

8. Laboratory attendant.

*Boat Establishment.* Chief Driver, Driver, Fireman and Lascars.

### Jobs in Survey of India

Survey of India class I & class II services. U.P.S.C. conducts a competitive exam. generally in November for B.A. or B.Sc. in Maths. (First class for class I service) between 20 and 25 years; Class II service is Officer Surveyors (Rs. 275-850) and class I service is Deputy Superintending Surveyors (Rs. 350-850).

Surveyors Grade I (Rs. 160-400), and Grade II (Rs. 150-225), F.A. with overseers certificate are recruited as Topographical Trainees (Rs. 100-125) for 2 years.

Geodetic Computers Scientific Asstt., B.A. Maths. (Rs. 160-400) 2 years Trg.

Topographical & Map Reproduction Personnel viz. Air Survey Draftsman, Plantabler, Draftsman etc., preferably Matriculate 4 years Training on (Rs. 55-85).

### Jobs in Geological Survey of India

1. Geologist, M.Sc. or B.Sc. Hons., Junior. (Rs. 350-850) Senior (Rs. 600-1150).

2. Asstt. Geologist M.Sc. or B.Sc. Hons. (Rs. 275-650).

3. Geological Asstt. (Non-Gazetted) (Rs. 160-330).

4. Asstt. Geophysicist (Gazetted).

5. Geophysical Asstt. (Non-Gazetted).

6. Chemist (Gazetted) Post-graduate research degree in Chemistry (Rs. 600-1300).



7. Asstt. Chemist (Gazetted), M.Sc. Chemistry (Rs. 275-710).
8. Chemical Asstt. (non-Gazetted), Laboratory Asstt. (Rs. 70-120).
9. Asstt. Mining Engineer (Gazetted), (Rs. 275-650).
10. Geophysical Technician (Gazetted), (Rs. 275-650).
11. Driller (Gazetted), (Rs. 275-650).
12. Surveyor (Rs. 100-185).
13. Mechanical Overseer (Rs. 100-300).

### Jobs in Tariff Commission

Technical Director (800-1400) Class I Gazetted M.Sc. Chemistry or B.E. (Chem. Engg /Chem. Tech.) recruitment through U.P.S.C.

Technical Director (Engg. & Metallurgy) I Gazetted B.E. (Elec./ Mech. Engg.) through U.P.S.C.

Asstt. Director (Class II Gazetted) M.A. (Economics/ Commerce).

Asstt. Director (Research) M.A. (Economics/Commerce).

Asstt. Director (Investigation) M.A. (Economics/Commerce).

Research Officer M.A. (Economics/Commerce).

Senior Economic Investigator (250-500) M.A. (Economics/ Commerce).

Reporters (300-500) (Stenographers) M.A. (Economics/ Commerce).

Junior Economic Investigators M.A. (Economics/Commerce).

Comptists, Efficient in Comptometer Machine.

### Careers in Petroleum Industry

Assam Oil Co. ; Burmah-Shell & Stanvac in Trombay-Bombay and Caltex at Vizagapatnam.

*New Companies*—Oil India Ltd.; Indian Refineries Ltd. ; Indian Oil Company ; Oil & Natural Gas Statutory Commission.

*Oil Exploration*—Geologists, Geophysicists, Surveyors & Layers.

*Laboratory Personnel*—Palaentologists, Petrologists, Geophysicists & Chemists.

*Oil Drilling*—Drillers & Drilling Engineers ; Chemists ; Mechanical, Electrical and Civil Engrs. ; Automotive Engrs. ; Fire Fighting Crew ; Reservoir Engineers & Chemists ; Production Engineers ; Pump Station Operators.

*Refining*—Chemists ; Chemical Engrs. ; Mechanical Engrs. ; Instrument Engrs.

*Marketing Staff Auxiliary Staff*—4 years Course for F.Sc. with Maths., Physics & Chemistry at Indian School of Mines and Applied Geology at Dhanbad and to Russia & Rumania also for practical training—For highly specialised training to U.S.A. Universities. ONGC holds trg. classes for employees.



BOOK THREE

*Professional & Technical Training*

BOOK THREE  
Professional & Technical Training



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**(A) MEDICAL AND ALLIED SUBJECTS**

**List of Colleges offering Graduate Course in Medicine and Surgery**

**Andhra**

Gandhi Medical College, Hyderabad.  
Osmania Medical College, Hyderabad.  
Kurnool Medical College, Kurnool.  
Andhra Medical College, Maharanipet, Visakhapatnam.  
Guntur Medical College, Guntur.  
Shri Venkateswara Medical College, Tirupati.  
S.R.M. Medical College, Kakinada.  
Regional Medical College, Warangal.

**Assam**

Assam Medical College, Dibrugarh.

**Bihar**

P.W. Medical College, Patna.  
Darbhanga Medical College, Darbhanga.  
Ranchi Medical College, Ranchi.

**Delhi**

All India Institute of Medical Sciences, New Delhi.  
Maulana Azad Medical College, New Delhi.  
Lady Hardinge Medical College (for women), New Delhi.

**Gujarat**

M.P. Shaha Medical College, Jamnagar.  
Medical College, Baroda.  
B.J. Medical College, Asarwa, Ahmedabad.

**Jammu & Kashmir**

Govt. Medical College, Srinagar.

**Kerala**

Medical College, Ulloor, Trivandrum.  
Medical College, Kozhikodal.

**Madhya Pradesh**

G.R. Medical College, Lashkar, Gwalior.  
Mahatma Gandhi Memorial Medical College, Indore.

Gandhi Medical College, Bhopal.  
Medical College, Jaipur.

### **Madras**

Christian Medical College, Thorapadi, Vellore Distt.  
Maduari Medical College, Thallakulam, Madurai.  
Madras Medical College, Madras.  
Kilpauk Medical College, Madras.  
Stanley Medical College, Madras.  
Tanjore Medical College, Tanjore.

### **Maharashtra**

Topiwalla National Medical College, Dr. A. L. Nair Road,  
Bombay.  
B. J. Medical College, Poona.  
Govt. Medical College, Aurangabad.  
Grant. Medical College, Byculla, Bombay.  
Medical College, Nagpur.  
Seth G.S. Medical College, Parel, Bombay.

### **Mysore**

Bangalore Medical College, Bangalore.  
Kasturba Medical College, Post Manipal, Distt. South Kanara.  
Medical College, Mysore.  
Karnatak Medical College, Hubli.

### **Orissa**

S.C.B. Medical College, Cuttack.  
Medical College, Burla.

### **Pondicherry**

Medical College, Pondicherry.

### **Punjab**

Christian Medical College, Ludhiana.  
Govt. Medical College, Patiala.  
Medical College, Amritsar.

### **Rajasthan**

S.M.S. Medical College, Jaipur.  
Medical College, Bikaner.

### **Uttar Pradesh**

College of Medical Sciences, Varanasi.  
King George Medical College, Lucknow.  
S.N. Medical College, Agra Fort, Agra.  
Motilal Nehru Medical College, Allahabad.



**West Bengal**

Bankura Sammilani Medical College, Bankura.  
 Calcutta Medical Institute, Calcutta.  
 Medical College, College St., Calcutta.  
 Nilratan Sarkar Medical College, 138, Lower Circular Road,  
 Calcutta.  
 R. G. Kar Medical College, Calcutta.

**Dental Surgery (Graduate Course)**

Medical College, Ulloor, Trivandrum.  
 Madras Medical College, Madras.  
 Sir C.E.M. Dental College and Hospital, Byculla, Bombay.  
 Govt. Dental College, Fort, Bangalore.  
 Osmania Medical College, Hyderabad.  
 Dental College, Patna.  
 King George's Medical College, Dental College and Hospital,  
 Lucknow University, Lucknow.  
 Calcutta Dental College, 114, Lower Circular Road, Calcutta.  
 Govt. Dental College, Patiala.  
 Govt. Dental College and Hospital, Amritsar.  
 Nair Hospital Dental College, Bombay.

## (B) AYURVEDIC COLLEGES

### Andhra Pradesh

Govt. Ayurvedic College, Hyderabad.  
Venkateswara Ayurvedic Kalasala, Vijayawada.  
Rammohana Ayurveda Kalasala, Guntur.  
Anantha Lakshmi Ayurvedic College, Warangal.

### Assam

Govt. Ayurvedic College, Gauhati.

### Bihar

Govt. Ayurvedic College, Patna.  
Shivaganga Ayurvedic Mahavidyalaya, Madhubani.  
Ayodhya Shivakumari Ayurvedic College, Begusarai.  
S.Y.N. Ayurvedic College, Bhagalpur.  
Mokhari Ayurvedic College, Motihari.

### Gujarat

O.H. Nazar Ayurved Mahavidyalaya, Surat.  
Shuddha Ayurved Mahavidyalaya, Baroda.  
J.S.M.G. Ayurvedic Medical College, Nadiad, Kaira.  
Ayurved Mahavidyalaya, Jamnagar.  
Seth J.P. Ayurvedic Vidyalaya, Bhavnagar.  
Charotar Ayurvedic Medical College, Uttar Sanda.  
Shuddha Ayurved Mahavidyalaya, Ahmedabad.

### Kerala

Ayurveda College, Trivandrum.  
Ayurveda College, Trippunithura.  
Shoranur Ayurveda College, Keraleeya Ayurveda Samajam,  
Shoranur.  
Kottakkal Arya Vaidya Sala Trust, Kottakkal.  
Cannanore Memorial Trust, Cannanore.

### Madhya Pradesh

N.P.A. Govt. Ayurvedic College, Raipur.  
Ayurvedic College, Lashkar, Gwalior.  
Raj Kumar Singh Ayurvedic College, Indore.  
Ashtang Ayurvedic College, Indore.  
Ashtang Ayurvedic Mahavidyalaya, Ujjain.  
Awantika Ayurvedic Mahavidyalaya, Ujjain.  
Ayurvedic Mahavidyalaya, Burhanpur.



**Madras**

Venkataramana Ayurvedic College, Mylapore, Madras.

**Maharashtra**

R.A. Podar Medical College, Worli, Bombay.  
 Govt. Ayurvedic College, Nanded.  
 Ayurved Mahavidyalaya, Poona.  
 Ayurved Mahavidyalaya, Ahmednagar.  
 Ayurved Mahavidyalaya, Nagpur.  
 Punarvasu Ayurved Mahavidyalaya, Bombay.  
 Shuddha Ayurved Mahavidyalaya, Nasik.  
 Vidarbha Ayurved Mahavidyalaya, Amravati.  
 Radhakrishna Tosnival Mahavidyalaya, Akola.  
 Marathwada Shuddha Mahavidyalaya, Jalna.  
 Aryangla Vaidyak Mahavidyalaya, Satara.  
 Ashtang Ayurved Mahavidyalaya, Poona.  
 Shuddha Ayurved Mahavidyalaya, Sangli Sion, Bombay.  
 Shri Gurudeo Ayurved Mandir, Amravati.

**Mysore**

Govt. College of Medicine, Mysore.  
 Shuddha Ayurveda Vidyalaya, Bijapur.  
 Shuddha Ayurveda Vidyalaya, Hubli.  
 Karnataka Ayurveda Vidyapeetha, Belgaum.  
 Taranath Ayurveda Vidyapeetha, Bellary.  
 Ayurvedic College, Udipi.  
 Ayurvedic College, Kushtagi.  
 Shuddha Ayurveda Vidyalaya, Bangalore.  
 Acharya College of Indian Medicine, Bangalore.  
 Shuddha Ayurveda Vidyalaya, Mysore.

**Orissa**

Gopabandhu Ayurvedic Vidyapeeth, Puri.

**Punjab**

Govt. Ayurvedic College, Patiala.  
 Dayanand Ayurvedic College, Jullundur.  
 Mastnath Ayurvedic College, Asthal Bohar (Rohtak).  
 Jhajjar Gurukul Ayurvedic College, Jhajjar.  
 S.D.P.G. Ayurvedic College, Jind.  
 Barnala Ayurvedic School, Barnala.

**Rajasthan**

Govt. Ayurvedic College, Jaipur.  
 Govt. Ayurvedic College, Udaipur.  
 Shri Sanatan Dharam Ayurved Mahavidyalaya, Bikaner.  
 Shri Parasu Ramapuriya Ayurvedic College, Sikar.  
 Ayurved Viswa Bharati, Sardarshahar.  
 Birla Ayurved Mahavidyalaya, Pilani.  
 Hanuman Ayurvedic Mahavidyalaya, Ratangarh.  
 Rajputana Ayurvedic Unani Tibbi College, Jaipur.

**Uttar Pradesh**

Govt. Ayurvedic College, Lucknow.  
 Arjun Darshanand Ayurvedic College, Varanasi.  
 Ayurvedic College, Varanasi.  
 Sir Baldev Ayurvedic College, Baragaon, Bahatpur, Varanasi.  
 Lalit Hari Ayurvedic College, Pilibhit.  
 Rishikul Ayurvedic College, Hardwar.  
 Gurukul Kangri Ayurvedic College, Hardwar.  
 Bundelkhand Ayurvedic College, Jhansi.  
 Ayurvedic College, Meerut.  
 Ayurvedic College, Dehra Dun.  
 Ayurvedic College, Banda.  
 Ayurvedic College, Gurukul Vishwavidyalaya, Mathura.  
 Ayurvedic College, Uttarkhand Vidya Pith, Gupta Kashi,  
 Garhwal.  
 Mahila Ayurvedic College, Meerut.  
 Kanya Kubja Ayurvedic College, Lucknow.

**West Bengal**

Jaminibhushan Ashtang Ayurved Vidyalaya, Calcutta.  
 Shyama Das Vaidyashastra Pitha Parishad, Calcutta.  
 Vishwa Nath Ayurved Mahavidyalaya, Calcutta.  
 Ayurveda Pratisthan, Calcutta.  
 Vaidya Pathshala, Midnapore, P.O. Contai.  
 Nabadwip Ayurveda Mahavidyalaya, Nabadwip.  
 M.B.A. Ayurveda Vidyalaya, Raja Dinendra St., Calcutta.

**Delhi**

Ayurvedic and Unani Tibbia College, Delhi.  
 All India Ayurvedic Vidya Peeth, Delhi.



## (C) MEDICINE AND PUBLIC HEALTH DIPLOMA COURSE

### Andhra

Andhra Medical College, Visakhapatnam : (Dip. in Pharmacy, Certs. for Laboratory Technician and Auxiliary Health Workers).

Government Ayurvedic College, Hyderabad : (Ayurved Visharad).  
Nizamia Government Tibbi College, Hyderabad : (Tabeeb-e-Mustanad).

### Assam

Assam Ayurvedic College, Gauhati : D.A.M.S

### Bihar

Ajodhya Shiv Kumari Ayurvedic College, Begusarai (Monghyr) :  
G.A.M.S.

Government Ayurvedic College, Patna : G.A.M.S.

Government Tibbi College, Patna : Degree in Tibbi (G.U.M.S)

Sheo Ganga Ayurvedic Mahavidyalaya, Madhubani : G.A.M.S.

Shri Y. N. A. Ashtang Ayurvedic College, Bhagalpur : G.A.M.S.

### Delhi

Ayurvedic and Unani Tibbia College, Delhi : (Ayurvedacharya Dhanwantri, Bhishagacharya Dhanwantri, Kamil-i-Tib-o-Jarahat, Fazil-i-Tib-o-Jarahat).

### Gujarat

Ayurved Mahavidyalaya, Jamnagar : B.A.M.S.

B.J. Medical College, Ahmedabad : J.S.M.G.

Ayurvedic Medical College, Nadiad : G.F.A.M., (Ayurved Pravin Dip.).

M.L.B. College, Uttarsanda (Distt. Kaira) : G.F.A.M.

O.H. Nazar Ayurveda Mahavidyalaya, Surat : G.F.A.M.

Sheth J.P. Ayurved Vidyalaya, Bhavnager : (Ayurved Pravin Dip.).

Sheth Vadilal Sarabhai General Hospitals and Sheth C. Maternity Hospital, Ellis Bridge, Ahmedabad : D.G.O. and F.C.P.S.

Shuddha Ayurved Mahavidyalaya, Mahalaxmi Society, Ellis Bridge, Ahmedabad : (Ayurved Pravin Dip.).

Shuddha Ayurved Vidyalaya, Ajwa Road, Baroda : (Ayurved Pravin Dip.).

### Madhya Pradesh

Ashtang Ayurved Mahavidyalaya, Ujjain : (Bhishagacharya).

Government Ayurvedic College, Gwalior : A.M.B.S.

Shri Ashtang Ayurved Mahavidyalaya, Ayurvedic Brahmcharya Ashram, Indore : (Bhishagacharya).  
 Shri Raj Kumar Singh Ayurvedic College, Biyabani, Indore. A.M.B.S., Ayurvedacharya.

## Madras

Madurai Medical College, Madurai : (Dip. in Pharm.).  
 Medical College, Madras : Dip in Pharmacy, D.M.C.W.

## Maharashtra

Aryangla Vaidyak Mahavidyalaya, Satara : G.F.A.M. (Graduate of the Faculty of Ayurvedic Medicine).  
 Ashtang Ayurved Mahavidyalaya, 479/11, Sadashiv Peth, Poona-2 : Ayurved Pravin Dip.  
 Atreya Ayurved Mahavidyalaya, Vishram Bagh, Sangli (S. Satara) : Ayurved Pravin Dip.  
 Ayurveda Mahavidyalaya, Ahmednager : G.F.A.M.  
 Ayurveda Mahavidyalaya, Poona : B.A.M. & S.  
 Ayurved Mahavidyalaya, Shri Pakwasa Samanvaya Rugnaleya Mahal, Nagpur : B.A.M. & S.  
 Government Ayurvedic College, Nanded : (Ayurved Visharad).  
 Radhakrishna Toshnival Ayurved Mahavidyalaya, Akola : B.A.M. & S.  
 R. A. Podar Ayurvedic Medical College, Worli, Bombay : G.F.A.M.  
 Robertson Medical School, Mayo Hospital Compound, Nagpur : (Medical and Health Assistants Cer.).  
 Shri Gurudeo Shuddha Ayurved Mahavidyalaya, Guru Kunk Ashram, Mozri (Amravati) : (Ayurved Pravin Dip.).  
 Shri Punarvasu Ayurved Mahavidyalaya, 143-B, Gawallia-Tank Road, Cumballa Hill, Bombay : (Ayurved Pravin Dip.).  
 Shuddha Ayurved Mahavidyalaya, Ganesh Park, Jalana (Aurangabad) : (Ayurved Pravin Dip.).  
 Suddha Ayurved Mahavidyalaya, Sion, Bombay : Ayurved Pravin Dip.  
 Shuddha Ayurved Vidyalyaya, Nasik : Ayurved Pravin Dip.  
 Sir C. E. M. Dental College, Bombay : Dental Mechanic Cert.  
 Topiwala National Medical College, Dr. A.L. Nair Road, Bombay.  
 Vidarbha Ayurved Mahavidyalaya, Amravati : B.A.M. & S.

## Mysore

Government College of Indian Medicine, Mysore : L.A.M.S., L.U.M.S.

## Orissa

Gopabandhu Ayurveda Vidyapith, Puri : D.A.M.S.  
 S.C.B. Medical College, Cuttack ; Dip. in Pharmacy.



## Punjab

- Arya Medical School, Ludhiana : L.S.M.F.  
 Dayanand Ayurvedic College, Jullundur : (Vaidya Vachaspati).  
 Government Ayurvedic College, Patiala : (Ayurvedacharya)  
 (G.A.M.S.).  
 Shri Mast Nath Ayurveda College, Asthal Bohar (Dist. Rohtak) :  
 (Ayurvedacharya).

## Rajasthan

- Ayurved Vishwabharti, Sardar Shahr : (Pravin Vaidya, Bhishagwar,  
 Bhishagacharya).  
 Birla Sanskrit Ayurved College, Pilani : (Bhishag, Ayurved  
 Visharad, Ayurved Sastri, Ayurvedacharya, Bhishagwar).  
 Digamber Jain Sanskrit College, Jaipur : (Bhishag, Ayurved  
 Visharad, Ayurved Sastri, Ayurvedacharya).  
 Government Ayurvedic College, Jaipur : (Bhishagwar, Bhishaga-  
 charya).  
 Government Ayurved College, Udaipur : (Bhishagwar, Bhishaga-  
 charya).  
 Shri Hanuman Ayurvedic College, Ratangarh : (Ayurved  
 Visharad, Ayurved Shastri, Ayurvedacharya, Bhishagwar).  
 Shri P.R. Ayurvedic College, Sikar : Bhishagwar, Ayurveda-  
 charya).  
 Shri Ramanuj Sanskrit College, Didwana : (Bhishag, Ayurved  
 Visharad, Ayurved Sastri, Ayurvedacharya).  
 Shri Sanatan Dharm Ayurved Vidyalaya, Bikaner : (Bhishagwar,  
 Ayurvedacharya).

## Uttar Pradesh

- Arjun Ayurvedic Vidyalaya, Varanasi : A.M.B.S.  
 Arjun Darshana Nand Ayurvedic College, Varanasi : A.M.B.S.  
 Ayurvedic College, Attara (Banda Dist.) : A.M.B.S.  
 Ayurvedic College, Dehra Dun : A.M.B.S.  
 Baldeo Ayurvedic College, Baragaon, Varanasi : A.M.B.S.  
 Bundelkhand Ayurvedic College, Jhansi : A.M.B.S.  
 Gurukul University Ayurvedic College, Kangri (Distt. Saharan-  
 pur) : A.M.B.S.  
 Lalit Hari Ayurvedic College, Pilibhit : A.M.B.S.  
 Meerut Ayurvedic College, Nauchandi : A.M.B.S.  
 Rishikul Ayurvedic College, Hardwar : A.M.B.S.  
 Takmil-ut-Tib College, Lucknow : F.M.B.S.  
 Unani Medical College, Allahabad : F.M.B.S.

## West Bengal

- All India Institute of Hygiene and Public Health, Calcutta : (Lic.  
 in Public Health, Certs. in Public Health Nursing, Public Health  
 Engg, Bio-metric Technique, Laboratory Technique, Nutrition,  
 Industrial Hygiene, Maternity and Child Welfare).  
 Ayurvediya Pratisthan, Harish Mukherjee Road, Calcutta : A.S.F.

D.N. De Homoeopathic Medical College and Hospital, 63-Upper Circular Road, Calcutta : D.M.S.

Jamini Bhushan Ashtanga Ayurvedic College, 170, Raja Dinendra Street, Calcutta : A.S.F., M.A.S.F.

Pratap and Hering Memorial Homoeopathic College and Hospital, 14-1, Narkeldanga North Road, Calcutta : D.M.S.

School of Tropical Medicine, Calcutta : L.T.M., D.C.P.

Shyamadas Vaidyashasitapith, 294/3/1, Upper Circular Road, Calcutta : A.S.F., M.A.S.F.

The Bengal Allen Homoeopathic Medical College and Hospital, 169, Bowbazar Street, Calcutta : D.M.S.

The Calcutta Homoeopathic Medical College and Hospital, 265, Upper Circular Road, Calcutta : D.M.S.

The Midnapore Homoeopathic Medical College and Hospital, Midnapore : D.M.S.

Vaidyak Pathshala, Contai, Midnapore : A.S.F.

Vishwanath Ayurveda Mahavidyalaya, Calcutta : A.S.F., M.A.S.F.



## **(D) LIST OF INSTITUTIONS FOR UNANI COURSE**

The Unani Medical College, Himatganj, Allahabad.

Govt. Tibbi College, Kadam Kuan, Patna.

Aligarh Muslim University, Aligarh.

Nizamia Tibbi College, Hyderabad.

Ayurvedic and Unani Tibbia College, Delhi.

Jamia Tibbia, Delhi.

Takmil-ut-Tib College, Lucknow.

Tibbia College, Saharanpur.

**(E) LIST OF INSTITUTIONS IN WHICH DEGREE COURSES AND POST-CERTIFICATE COURSES IN NURSING ARE GIVEN**

College of Nursing, New Delhi.

- (i) B.Sc. (Hons.) Course in Nursing.
- (ii) Post-Certificate Courses :
  - (a) Ward Sister Course (July 1—Sep. 30).
  - (b) Nursing Administration (Oct. 1—Apr. 30).
  - (c) Sister Tutors Course (Oct. 1—Apr. 30).
  - (d) Midwifery Tutor's Course (Oct. 1—Apr. 30).

Christian Medical College Hospital, Vellore.

- (i) B.Sc. Course in Nursing.
- (ii) Sister Tutor's Course.

Mid India Board of Examiners, Graduate School for Nurses, Indore.

Post-Certificate Course in

- (1) Public Health Nursing
- (2) Ward Sisters
- (3) Sister Tutors
- (4) Nursing Administration.

Government General Hospital, Madras.  
Diploma in Nursing

- (i) Sister Tutor Course
- (ii) Administration Course.

S.N.D.T. College for Women, Bombay

- (1) 3 years' Degree Course B.Sc. (Nursing)
- (2) 4 years' Honours Course.

All India Institute of Hygiene and Public Health, Calcutta.

Post-Certificate Course in Public Health Nursing  
Deptt. of Public Health, Madras State.

Post-Certificate Course in Public Health Nursing.  
J.J. Group of Hospitals, Bombay.

Post-Certificate Course in Public Health Nursing.  
All India Institute of Mental Health, Bangalore,

Post-Certificate Course in Psychiatric Nursing.



The Tuberculosis Association of India, New Delhi.  
Post-Certificate Course in Tuberculosis Nursing.

**Medical Laboratory Technician**

(6 to 12 months Govt. Course for I.Sc. or Matric with Lab.  
(Experience).

Vallabhbhai Patel Chest Institute, Delhi.

The All India Institute of Hygiene and Public Health, Calcutta.

## (F) PHARMACEUTICAL EDUCATIONAL INSTITUTIONS IN INDIA

- L.M. College of Pharmacy, Ahmedabad.
- Medical College, Amritsar.
- Deptt. of Pharmaceutics, Amritsar.
- Bombay College of Pharmacy, Bombay.
- Deptt. of Chemical Technology, Bombay University.
- Deptt. of Pharmacy, Nagpur.
- Birla College of Science and Pharmacy, Pilani.
- College of Technology, Deptt. of Pharmaceutics, Banaras University.
- Deptt. of Pharmacy, Saugar University.
- Pharmacy Training Centre, Jalpaiguri (W. Bengal.)
- D.A.V. College, Kanpur.
- J.V.D. College of Science and Technology, Deptt. of Pharmacy, Waltair.
- Maharaja College, Ernakulam.
- Madras Medical College, Madras.
- Andhra University [Pharmaceutical M.Sc. (Tech.) for B.Sc. (Hons.) Tech.].



## (G) MISCELLANEOUS

### Institutions for Sanitary Technicians Course

(One-year course for preferably below 25)

G.R. Medical College, Gwalior (M.P.).  
Madras Medical College, Parktown, Madras.  
Stanley Medical College, Madras.  
Ahmedabad Municipal Corporation, Ahmedabad.  
Directorate of Public Health, Poona.  
Directorate of Public Health, Ahmedabad.  
Public Health Institute, Nagpur.  
Robertson Medical School, Nagpur.  
Provincial Hygiene Institute, Lucknow.  
Andhra Medical College, Visakhapatnam.  
Anti-Malaria Training Institute, Visakhapatnam.  
Hygiene & Vaccine Institute, Amritsar.  
Medical College, Trivandrum.

### Training Schools for Health Visitors

Govt. Trg. School for Health Visitors, Visakhapatnam.  
Princess Niloufer Trg. School for Health Visitors, Hyderabad.  
Lady Reading Health School, Bara Hindu Rao, Delhi.  
Lady Health Visitors School, Makhania Kuan Road, Patna.  
Health Visitors Institute, Delisle Road, Bombay.  
Health School, Khed, Distt. Poona.  
Govt. Health School, Nagpur.  
Govt. Health Visitors School, Trivandrum.  
M Y. Hospital, Health Visitors Trg. School, Indore.  
Govt. Trg. School for Health Visitors, C/o Govt. Kasturba  
Gandhi Hospital, Madras.  
Health School, Brown Memorial Hospital, Ludhiana.  
Punjab Health School, Amritsar.  
Health School, Bareilly.  
Health School, Allahabad.  
Silver Jubilee Health School, Lucknow.  
S.H.C.M. Health School, Singur (Calcutta).  
Health Visitors Training School C/o Snowdon Hospital, Simla.  
Govt. Health Visitors Trg. School, Srinagar.  
Govt. Health Visitors Trg. School, Bangalore.  
Health School, Jodhpur.

**Anthropology**

(B.Sc.) Bihar University ; Saugar University (B.Sc. Pass).

**Astronomy**

(B.Sc.) Lucknow University ; Osmania University (B.Sc. Pass).

**Bio-chemistry**

(B.Sc.) Mysore University ; Punjab University (B.Sc. Pass).

**Comparative Anatomy & Embryology & Human Anatomy**

(B.Sc.) Gujarat University.

(B. Sc. Pass) Punjab University.

**Microbiology**

(B.Sc.) Gujarat University.

(B.Sc. Pass) Saugar University.

**Physiology/Animal Physiology**

(B.Sc.) Gujarat University.

(B. Sc.) Pass Panjab University.

**Radiography (X-Ray Technique)**

Grant Medical College, Bombay.

Clara Swain Hospital, Bareilly.

**Malaria Inspectors Course**

Malaria Institute, Delhi.

**T.B. Course**

Patel Chest Institute, Delhi (one-year diploma course).

**Bacteriology**

King Institute, Guindy, Madras (3-months course).

**Industrial Health Dip. (D.I.H.)**

Indian Institute of Hygiene & Public Health, Calcutta.

**Maternity & Child Welfare Dip. (D.M. & C.W.)**

Indian Institute of Hygiene & Public Health, Calcutta.

**Medical Psychology.**

All India Institute of Mental Health, Bangalore (2-years course to M.A. in Psychology).



## **B.Sc. Hons. in Human Anatomy and Embryology**

Grant Medical College, Bombay.

Seth Sunderdas Medical College, Bombay.

### **Compounder's Course**

Compounder's Course is conducted in all Govt. Hospitals.  
Duration one year. Apply Distt. Medical Officer or Suptd.,  
Govt. Hospitals.

### **Occupational Therapy**

Two-year diploma course at the Occupational Therapy Training  
School and Centre K.E.M. Hospital, Parel, Bombay-12 and  
Medical College Hospital, Nagpur. Expenses Rs. 900 to 1000.  
Age limit 18 to 30.

### **Physio-Therapy**

Candidates at least 18 years of age are selected for a two-year  
course at the School of Physio-Therapy KEM Hospital, Parel,  
Bombay-12. Fees Rs. 725 full course.

The All India Institute of Physical Medicine and Rehabilitation,  
Haji Ali Park, Mahalaxmi, Bombay-11, conducts 3 months  
course for advance treatment for qualified occupational  
therapists.

### **Laboratory Teaching**

All India Institute of Hygiene and Public Health, 110, Chitranjan  
Avenue, Calcutta-12, has 6 months course for F.Sc. on  
Laboratory Technic.

The King Institute, Guindy, has 3 months course for diploma in  
Laboratory Science.

### **Laboratory Technic**

All India Institute of Hygiene & Public Health, Calcutta,  
6 months course for matriculates with some laboratory  
experience.

## Chapter Two

### (A) ENGINEERING & TECHNOLOGY

#### Diploma Course in Civ., Elec. & Mech. Engg.

List of Institutions for Diploma Course in all the three branches of Civil, Electric and Mechanical Engg. The institutions which have Courses in any one or two but not all the three, or other than these also are mentioned in brackets against these.

#### Andhra

- Govt. Polytechnic, Warangal.
- Andhra Polytechnic, Kakinada (Tele., Auto, Surveying).
- Polytechnic Engg. College, Kakinada.
- Vuyyur Polytechnic, Vuyyur.
- Govt. Polytechnic, Visakhapatnam (Sandwich Course in Mech. Engg.)
- Engg. College (Attached Polytechnic), Anantapur.
- S. V. Govt. Polytechnic, Tirupathi.
- Govt. Polytechnic, Hyderabad.
- Govt. Polytechnic, Mahboobnagar.
- Hyderabad Polytechnic, Hyderabad.
- Govt. Technical College, Saifabad, Hyderabad.
- University College of Engg., Hyderabad (only Overseer course)
- Govt. Polytechnic, Vijayawada.
- Govt. Polytechnic, Proddatur.
- Govt. Polytechnic, Nizamabad.
- K.D. Polytechnic, Wanaparthy.
- M.V.M. Polytechnic, Tanuku.
- Govt. Polytechnic, Guntur.
- Govt. Polytechnic, Nandyal.
- Govt. Polytechnic, Nellore.
- Govt. Polytechnic, Srikakulam.

#### Assam

- H.R.H. The Prince of Wales Institute of Engg. & Technology, Jorhat Town.
- Assam Engg. Institute, Gauhati. (Overseer course)
- Silchar Polytechnic, Silchar.
- Assam Survey School, P.O. Talukbari Distt., Kamrup. (Surveying only)
- Nowgong Polytechnic, Nowgong.



**Bihar**

Patna School of Engg., Patna City.  
 School of Civil Engg., P.O. Barari. (civil only)  
 Tirhut School of Engg., Nayatola, Muzaffarpur.  
 Ranchi School of Engg., Ranchi.  
 Dhanbad Polytechnic, Dhanbad.  
 Bhagalpur School of Engg. & Technology, Bhagalpur.  
 Jamshedpur Technical Institute, Jamshedpur. (Elec. & Mech. only)  
 Sindri School of Engg., Sindri. (Elec. & Mech. only)  
 Gaya School of Engg. Gaya.  
 Purnea School of Engg., Purnea.  
 Industrial Trg. Institute, Digha Patna. (2 years Dip. in Surveying only)  
 Bihar College of Surveying, Mahindwara, Distt. Muzaffarpur  
 (6 months Cert. Course in Surveying for Middle pass)  
 Darbhanga School of Engg., Darbhanga.

**Delhi**

Delhi Polytechnic, Delhi.  
 G. B. Pant Polytechnic, Okhla, Delhi.

**Gujarat**

Lukhdirji Engg. College, Morvi.  
 Bhavsinhji Polytechnic Institute, Bhavnagar.  
 D.S.G. and S.G. College of Engg. and Tech., Surat. (Auto)  
 Govt. Polytechnic, Ahmedabad.  
 Polytechnic M.S. University, Baroda.  
 B.B. Polytechnic, Anand.  
 Birla Vishwakarma Mahavidyalaya Vallabh, Vidyanagar.  
 Faculty of Technology (including Engg.), Baroda. (Textile Engg. & Textile Chemistry)  
 Govt. Polytechnic, Dohad.  
 K.D. Polytechnic, Patna.  
 L.D. College of Engg., Ahmedabad.  
 B.V.B. College of Engg. & Tech., Hubli. (Civil only)  
 Govt. Polytechnic, Porbander.  
 S.K.L. Jhaveri Polytechnic Broach.  
 Gandhidham Civil Engg. Institute, Adipur, Kutch (Civil only)

**Himachal Pradesh**

Govt. Polytechnic, Sundernagar.

**Jammu and Kashmir**

Kashmir Govt. Polytechnic, Srinagar.  
 Govt. Polytechnic, Jammu.

**Kerala**

Govt. Polytechnic, Cannanore (Textile Tech.)

Shree Narayana Polytechnic, Kottayam, Quilon (Civil only)  
 (Textile Tech.)  
 N.S.S. Polytechnic, Pandalam. (Civil only) (Textile Tech.)  
 Sri Rama Polytechnic, Valpad. (Civil only) (Textile Tech.)  
 Govt. Polytechnic, Kalamassery, Distt. Ernakulam. (Auto)  
 Kerala Polytechnic, West Hills, Kozhikode. (Civil only)  
 Carmel Polytechnic, Alleppey. (Civil only)  
 Maharajas Technical Institute, Trichur.  
 Thiagarajar Govt. Polytechnic, Alagappanagar.  
 Central Polytechnic, Trivandrum.  
 Govt. Polytechnic, Kottayam.  
 Govt. Polytechnic, Perinthalamana.

### Madhya Pradesh

S.V. Govt. Polytechnic, Bhopal. (Civil only)  
 G.T. Govt. Polytechnic, Jaora, Distt. Ratlam.  
 Govt. Polytechnic, Ujjain.  
 Govt. Polytechnic, Nowgong, Distt. Littarpur.  
 Samrat Ashok Technological Institute, Vidisha, (Civil only)  
 Govt. Polytechnic, Jabalpur.  
 G.S. Technological Institute, Indore.  
 Kirodimal Govt. Polytechnic, Raigarh.  
 Central Technical Institute, Gwalior. (Textile Tech.)  
 Govt. Polytechnic, Khandwa.  
 Govt. Engg. College, Jabalpur. (Civil only)  
 Subordinate Engg. School, Gandhi Road, Gwalior. (Ten Months.  
 - Cert. Course in Sub-overseer)

### Madras

Allagappa Polytechnic, Allagappa College, Karaikudi.  
 Annamalai Polytechnic, Chettinad.  
 C.N.T. Institute, Vepery, Madras.  
 Central Polytechnic, Guindy, Madras. (Radio Engg. & Line  
 Communication ; Fisheries Tech. & Navigation)  
 Govt. Polytechnic, Peelamedu, Coimbatore (Agri.)  
 M.C.M. Polytechnic, Avadi.  
 Muthiah Polytechnic, Annamalaiagar.  
 Nachimuthu Polytechnic, Pollachi, Coimbatore.  
 P.S.G. Polytechnic Peelamedu, Coimbatore. (Production ; Textile  
 Tech. & Chemistry).  
 Sankar Institute of Polytechnic, Sankarnagar, Tirunelveli.  
 Tamilnad Polytechnic, Madurai. (Auto.)  
 The Seshasayee Institute of Technology, Tennur, Tiruchirapalli.  
 Thiagaraja Polytechnic, Salem. (Textile Mech.)  
 Valivalam Desikar Polytechnic, Vallam. Tanjore.  
 Virudhunagar S. Nadar Polytechnic, Virudhunagar.  
 Bhaktavatsalam Polytechnic, Kancheepuram.  
 Govt. Polytechnic, Nagercoil.  
 Govt. Polytechnic, North Arcot, Madras.  
 Rajagopal Polytechnic, Gudiyatham.



Ramakrishna Mission Technical Institute, Mylapore, Madras.  
 (Mech. only) (Auto.)  
 Srinivasa Subharaya Polytechnic, Sirkali.  
 Govt. Polytechnic, Vellore.  
 Coimbatore Institute of Tech., Sandwich Polytechnic, Coimbatore.  
 (Sandwich Course in Mech. Engg. only)

## Maharashtra

Govt. Polytechnic, Poona.  
 Govt. Polytechnic, Amravati.  
 Institute of Engg. and Tech., Dhulia, (Civil only)  
 P.L.S. Technical College, Latur, Osmanabad (Civil only)  
 S.C. Wadia Institute of Electrical Technology, Poona. (Radio)  
 W.C. College of Engg., Vishrambag, Sangli.  
 Govt. Polytechnic, Aurangabad.  
 Govt. Polytechnic, Karad, Distt. North Satara.  
 Govt. Polytechnic, Sadar, Nagpur. (Auto.)  
 Govt. Polytechnic, Sholapur.  
 Govt. Polytechnic, Bombay.  
 Victoria Jubilee Technical Institute, Matunga, Bombay. (Elec. & Mech. only)  
 Govt. Polytechnic, Jalgaon. (Auto ; Textile, Chemical Tech.)  
 Govt. Polytechnic, Karad.  
 College of Engg., Poona. (Civil only)  
 Nav Bharat Udyogi, Vidyalaya. (Cert. Course in Civil only)  
 Govt. Polytechnic, Kolhapur.  
 Govt. Polytechnic, Ratnagiri.  
 Govt. Polytechnic, Khamgaon.

## Manipur

Adimjati Technical Institute, Imphal.

## Mysore

C.P.C. Polytechnic Institute, Mysore. (Civil & Mech. only) (Auto.)  
 B.V.B. College of Engg. & Technology, Hubli  
 D.R.R. Polytechnic, Devanagere.  
 Karnataka Polytechnic, Mangalore (Auto.)  
 National Institute of Engg., Mysore. (Civil only)  
 Polytechnic Chintamani Distt. Kolar. (Civil only)  
 Govt. Polytechnic, Bellary.  
 Smt. L.V. Polytechnic, Hassan.  
 S.J. Polytechnic, Bangalore (Tele. Comm.)  
 Govt. Polytechnic, Belgaum. (Civil & Elec. only)  
 D.A.C.G. Polytechnic, Chikmangalur.  
 Polytechnic, Tumkur.  
 Polytechnic, Karwar.  
 Polytechnic, Gulbarga.  
 M.I.S.W. Silver Jubilee Polytechnic, Bhadravati. (Civil & Mech. only).

Acharya Pathshala Polytechnic, Bangalore. (Civil & Mech. only)  
 M.E.I. Polytechnic, Rajajinagar, Bangalore. (Civil & Mech. only)  
 B.V.V. Sangha Polytechnic, Bagalkot, Bijapur. (Civil & Mech. only)  
 K.H. Kabbur Institute of Engg., Dharwar. (Civil & Mech. only)  
 Polytechnic, Channapatna, Bangalore.  
 School of Engg., Bangalore.  
 Govt. Polytechnic, Frazerpet.  
 Govt. Polytechnic, Krishnarajpet.  
 Govt. Polytechnic, Bidar.  
 Govt. Polytechnic, Raichur.  
 Govt. Polytechnic, Kushalnagar. (Civil only)

### Orissa

Orissa School of Engg., Cuttack.  
 Engg. School, Berhampur.  
 Engg. School Jharsaguda, Distt. Sambalpur.  
 School of Engg., Bhadrak.  
 School of Engg., Kendrapara.  
 Govt. Polytechnic, Pondicherry. (Civil only)

### Punjab

National Institute of Engg., Hoshiarpur.  
 Guru Nanak Engg. College, Ludhiana.  
 Chhotu Ram College of Education, Rohtak. (Civil only)  
 Central Polytechnic, Chandigarh.  
 Govt. Polytechnic, Ambala City.  
 Mehar Chand Polytechnic, Jullundur.  
 Punjab Polytechnic, Nilokheri.  
 Ramagarhia Polytechnic, Phagwara.  
 S.D. Polytechnic Baij Nath, Kangra. (Civil only)  
 Thapar Institute of Engg. & Tech., Patiala.  
 Govt. Polytechnic, Jhajjar.  
 Vishvakarma Institute of Engg. & Tech. Ludhiana. (Civil only)

### Rajasthan

Ajmer Polytechnic, Ajmer. (Civil only)  
 Udaipur Polytechnic, Udaipur.  
 Jodhpur Polytechnic, Jodhpur.  
 Alwar Polytechnic, Alwar.  
 Kotah Polytechnic, Kotah.

### Tripura

Tripura Polytechnic Institute, Agartala, Tripura.

### U.P.

P.M.V. Technical Institute, Mathura.  
 K.L. Technical Institute, Roorkee.  
 Lucknow Polytechnic, Lucknow.



D.J. Engg. Institute, Baraut, Meerut. (Civil only)  
 M.G. Technological Institute, Hathras.  
 Govt. Technical Institute, Jhansi.  
 Govt. Technical Institute, Bareilly.  
 Civil Engg. School, Chandauli, Varanasi. (Civil only)  
 Govt. Technical Institute, Khurja.  
 Technical Institute, Hadia, Allahabad. (Civil only)  
 M.P. Engg. Institute, Gorakhpur. (Civil only)  
 Gandhi Engg. Institute, Baghra, Muzaffarnagar. (Civil only)  
 D.N. Technical Institute of Engg. Meerut. (Civil only)  
 Civil Engg. School, Ballia. (Overseer Civil only)  
 Govt. Technical Institute, Jatepur, Gorakhpur.  
 S.G.S.J. Polytechnic, Khurja.  
 University Polytechnic Muslim University, Aligarh.  
 Civil Engg. School, Allahabad, (Overseer Cert. only)  
 Civil Engg. School, Lucknow. (Civil only)  
 Hewett Engg. School, Lucknow. (Civil only)  
 I.D. Tech. Institute, Bahjoi. (Elec. & Mech. only)  
 Overseer School, Nainital. (Civil Cert. only)  
 R.E.I. Technical College, Dayalbagh, Agra. (Elec. & Mech. only)

#### West Bengal

Hoogly Institute of Technology, Goaltuly, Hoogly. (Civil only)  
 Jadavpur Polytechnic, Jadavpur.  
 Jalpaiguri Polytechnic Institute, Jalpaiguri.  
 K.G. Engg. Institute, Vishnupur, Distt. Bankura.  
 M.B.C. Instt. of Engg. & Tech., Sadhnapur, Distt. Burdwan.  
 R.K. Mission Silpamandir Belurmath, Distt. Belgharia.  
 Sree Ramkrishna Silpa Vidyapith, Suri, Distt. Birbhum.  
 Asansol Polytechnic, Asansol. (Elec. & Mech. only) (Mining)  
 Birla Institute of Technology 56, B.B.T. Road, Calcutta. (Sandwich Course in Mech. Engg. only)  
 B.P.C. Institute of Technology, Krishnagar.  
 Calcutta Technical School, Calcutta. (Elec. & Mech. only)  
 Jhargram Polytechnic, Jhargram, Distt. Midnapur.  
 J.C.G. Polytechnic 7, Mayurbhanj Road, Calcutta. (Sandwich Course in Mech. Engg. only)  
 Kanchrapara Tech. School, Kanchrapara. (Mech. only)  
 Murshidabad Institute of Technology, Murshidabad.  
 Purulia Polytechnic, Purulia.  
 Malda Polytechnic, Malda.

## (B) DRAUGHTSMANSHIP

- Industrial Trg. Institute, Kakinada. (Civil)  
Industrial Trg. Institute, Bhagalpur. (Civil)  
Industrial Trg. Institute, Darbhanga. (Mech.)  
Industrial Trg. Institute, Digha. (Mech.)  
Industrial Trg. Institute, Muzaffarpur. (Civil & Mech.)  
Junior Technical School, Marhowrah. Distt. Saran (Mech.)  
Ranchi Technical Trg. School, Ranchi. (Civil)  
Welfare Technical School, Dumka (Civil & Mech.)  
Welfare Technical School, Ranchi. (Civil & Mech.)  
C.N. Polytechnic, Ahmedabad. (Civil & Mech.)  
Dr. S. & S.S. Gandhi College of Engg. & Tech., Surat. (Civil)  
Kala Niketan, Jabalpur. (Civil & Mech.)  
Kalaniketan, Amravati. (Civil & Estimating)  
Miraj Institute of Civil Engg., Miraj. (Civil & Estimating)  
Navbharat Audiyogiga Vidyalaya, Bombay. (Civil)  
Northcot Technical High School, Sholapur. (Civil)  
S. C. Wadia Instt. of Elec. Tech., Poona. (Mech.)  
Victoria Jubilee Municipal School, Poona. (Mech.)  
Industrial Trg. Instt., Imphal. (Surveyor & Draftsman Cert).  
Industrial Trg. Instt., Hirakud. (Civil & Mech.)  
Chhotu Ram College of Education, Rohtak. (Civil)  
Guru Nanak Engg. College, Ludhiana. (Civil)  
Mehar Chand Polytechnic, Jullundur. (Civil & Mech.)  
Punjab Polytechnic, Nilokheri. (Civil & Mech.)  
S.D. Polytechnic, Baij Nath Kangra. (Civil)  
Thapar Instt. of Engg. & Tech., Patiala. (Civil & Mech.)  
Vishvakarma Instt. of Engg. & Tech., Ludhiana. (Civil)  
Civil Engg. School, Lucknow. (Civil)  
M.G. Tech. Instt., Hathras. (Elec. & Mech.)  
B.P.C. Instt. of Tech, Krishnagar.  
Hooghly Instt. of Technology, Hooghly.  
Jadavpur Polytechnic, Jadavpur.  
Jalpaiguri Polytechnic, Jalpaiguri.  
K.G. Engg. Instt., Vishnupur, Bankura.  
M.B.C. Instt. of Engg. & Tech., Burdwan.  
Shree, Ram Krishna Silpa Vidyapith, Suri.  
I.T.I., Aundh, Dist. Poona.  
I. T. Centre Pusa, New Delhi.



## **(C) INDUSTRIAL TRAINING INSTITUTES**

3 years' Certificate Course in Mechanical Engg. for Std. X.  
2 years' Certificate Course in Motor Body Building and Upholstery for those who possess a Carpentry Certificate. Six months' Certificate Course in Welding (Gas & Electric) for those who possess a Certificate of Mechanical Trade, Two years' Certificate Course in Internal Combustion Engine Mechanic, Motor Mechanic, Machinist, Fitter, Turner, Blacksmithy, Moulding and Foundry, Pattern Making for Class VII. Two years' Certificate Course in Cotton Spinning and 2 years' Certificate Course in Cotton Weaving for S-S.C. Fees Rs. 80 per year. Two years full time or 3 ; years part time Higher Certificate in Cotton Spinning Course for Std X. Weaving, Hand and Powerloom Weaving (Artisan), Handloom Weaving, Practical Weaving (Powerloom), Wool knitting and Weaving, Dyeing and Textile Printing courses.

### **List of Industrial Training Institutes in India**

#### **Andhra Pradesh**

Anantapur, Kakinada, Vijayawada, Visakhapatnam, Nellore, C.C.I. Hyderabad, ITI Govt. Poly. Hyderabad, ITC Allaaddin Tech. Instt. Hyderabad, Warangal, Nizamabad, Guntur, Chittoor, Elluru/Tanku, Cuddappah, Srikakulam, Karimnagar, Kammampet & Nalgonda.

#### **Assam**

Jorhat, Silchar, Tezpur, Nowgong, Gauhati, Bongaigaon, Shillong, Nalbari, Dibrugarh, Lakhimpur, Sibsagar and Golaghat.

#### **Bihar**

Dighaghat, Patna, Ranchi, Bhagalpur, Darbhanga, Dehri, Katihar, Gaya, Monghyr, Muzaffarpur, Motihari, Sapaul, Chaibasa, Marhowrah, Hazaribagh, Dhanbad, Siwan or Mathwa (Chapra Distt.), Sitamarhi (Muzz. Distt.), Bethiah (Champaran Distt.), Madhubani (Darbhanga Distt.), Sahibgang, Forbasgang, Birpur, Begusarai, Bokaro, Buxar, Nawadah, Ghoghardiha.

#### **Gujarat**

Jamnagar, Kandla, Ahmedabad, Godhra, Bhavnagar, Rajkot, Surat, Surendranagar, Gondal, Dohad, Baroda, Madasa, Baisar, Broach, Sorah, Amreli, Masana, Kaira.

Dr. S. & S.S. Gandhi College of Engg. & Tech., Surat. (Civil)  
 Kala Niketan, Jabalpur. (Civil & Mech.)  
 Kalaniketan, Amravati. (Civil & Estimating)  
 Miraj Institute of Civil Engg., Miraj. (Civil & Estimating)  
 Navbharat Audiogiga Vidyalaya, Bombay. (Civil)  
 Northcot Technical High School, Sholapur. (Civil)  
 S. C. Wadia Instt. of Elec. Tech., Poona. (Mech.)  
 Victoria Jubilee Municipal School, Poona. (Mech.)  
 Industrial Trg. Instt., Imphal. (Surveyor & Draftsman Cert).  
 Industrial Trg. Instt., Hirakud. (Civil & Mech.)  
 Chhotu Ram College of Education, Rohtak. (Civil)  
 Guru Nanak Engg. College, Ludhiana. (Civil)  
 Mehar Chand Polytechnic, Jullundur. (Civil & Mech.)  
 Punjab Polytechnic, Nilokheri. (Civil & Mech.)  
 S.D. Polytechnic, Baij Nath Kangra. (Civil)  
 Thapar Instt. of Engg. & Tech., Patiala. (Civil & Mech.)  
 Vishvakarma Instt. of Engg. & Tech., Ludhiana. (Civil)  
 Civil Engg. School, Lucknow. (Civil)  
 M.G. Tech. Instt., Hathras. (Elec. & Mech.)  
 B.P.C. Instt. of Tech., Krishnagar.  
 Hooghly Instt. of Technology, Hooghly.  
 Jadavpur Polytechnic, Jadavpur.  
 Jalpaiguri Polytechnic, Jalpaiguri.  
 K.G. Engg. Instt., Vishnupur, Bankura.  
 M.B.C. Instt. of Engg. & Tech., Burdwan.  
 Shree, Ram Krishna Silpa Vidyapith, Suri.  
 I.T.I., Aundh, Dist. Poona.  
 I. T. Centre Pusa, New Delhi.



Certificate in Cotton Spinning and Powerloom Weaving (Artisan), Handloom Weaving, Practical Weaving (Powerloom), Wool knitting and Weaving, Dyeing and Textile Printing courses.

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### **Assam**

Jorhat, Silchar, Tezpur, Nowgong, Gauhati, Bongaigaon, Shillong, Nalbari, Dibrugarh, Lakhimpur, Sibsagar and Golaghat.

### **Bihar**

Dighaghat, Patna, Ranchi, Bhagalpur, Darbhanga, Dehri, Katihar, Gaya, Monghyr, Muzaffarpur, Motihari, Sapaal, Chaibasa, Marhowrah, Hazaribagh, Dhanbad, Siwan or Mathwa (Chapra Distt.), Sitamarhi (Muzz. Distt.), Bethiah (Champaran Distt.), Madhubani (Darbhanga Distt.), Sahibgang, Forbasgang, Birpur, Begusarai, Bokaro, Buxar, Nawadah, Ghoghardiha.

### **Gujarat**

Jamnagar, Kandla, Ahmedabad, Godhra, Bhavnagar, Rajkot, Surat, Surendranagar, Gondal, Dohad, Baroda, Madasa, Balsar, Broach, Sorah, Amreli, Masana, Kaira.

**Jammu & Kashmir**

Srinagar, Jammu, Anantnag, Baramula, Udhampur.

**Kerala**

Trivandrum, Dhanuvachapuram, Chalakudi, Kalamassery, Kozhikode, Cannanore, Quilon, Allepy, Kottayam, Palghat.

**Maharashtra**

Bombay, Aundh (Poona), Poona, Kolhapur, Ulhasnagar (Murad), Satara, Ratnagiri, Dhulia, Karad, Sholapur, Nasik, Ahmednagar, Jalgaon, Nagpur, Akola, Amravati, Nanded, Aurangabad, Chanda, Wardha, Khamgaon, Yeothmal, Gondia, Bhir, Parbhani, Latur, Sangli, Andheri (Bombay), Ambarnath, Panvel.

**Madhya Pradesh**

Koni-Bilaspur, Rewa, Indore, Bhopal, Jubbulpore, Raipur, Khandwa, Gwalior, Chhindwara, Ratlam, Saugor, Raigarh, Shahdol, Shivpuri.

**Madras**

Guindy Madras, Broadway Madras, Stree Seva Mandir Madras, Madurai, Coimbatore, Nagercoil, Cuddalore, Nagapetinam, Pettai Tirunelveli, Virudhnagar, Coonoor, Salem, Chingleput, Katpadi, Ariyalur, Tanjore, Pollachi, Thiruchandur, North Arcot Distt., South Arcot Distt., Thiruchirapalli (Trichy), Madurai, Ramnad, Salem.

**Mysore**

High Grounds Bangalore, B.T.S. Bangalore, S.J.O. Bangalore, Hubli, Mangalore, Mercara, Gulbarga, Bellary, Bhadravati, Davangere, Mysore, Raichur, Bijapur, Belgaum, Karwar, Hassan, Kolar, Thumkur/Mandya.

**Orissa**

Hirakud, Cuttack, Poor Cottage Homes (Cuttack), Rourkela, Berhampur, Balasore, Junagarh, Khurda, Titlagarh, Angul, Keonjhar, Baripada, Puri.

**Punjab**

Ferozepur, Rohtak, Amritsar, Jullundur, Nabha, Patiala, Phagwara, Ludhiana, Ambala, Yamunanagar, Gurgaon, Sonapat, Pathankot, Hissar, Rajpura, Palwal, Panipat, Karnal, Kulu, Nangal, Hoshiarpur, Batala, Patti, Sirsa, Simla, Chandigarh, Narwana, Mohindargarh, Bhatinda.

**Rajasthan**

Ajmer, Jaipur, Kotah, Udaipur, Jodhpur, Bikaner, Ganganagar, Churu, Nagaur, Pali, Bhilwara, Alwar, Bharatpur, Sawai Madhopur.



**Uttar Pradesh**

Alambagh Lucknow, Allahabad, Aligarh, Almora, Agra, Bareilly, Varanasi, Ballia, Dehradun (for women), Gonda, Kanpur, Meerut, Mirzapur, Rampur, Srinagar (Garhwal), Modinagar, Nainital, Jhansi, Jalaun, Banda, Gorakhpur, Faizabad, Hamirpur, Sultanpur, Azamgarh, Pratapgarh, Basti, Jaunpur, Deoria, Muradabad, Shahjahanpur, Etawah, Hardoi, Rai Bareilly, Farrukhabad, Kheri, Budaun, Pilibhit, Sitapur, Bijnore, Mainpuri, Fatehpur, Etah, Bulandshahr, Mathura, Muzzafarnagar, Saharanpur.

**West Bengal**

Gariahata, Tollygunge, Howrah Homes Calcutta, Tech. School Calcutta, Krishnanagar, Kurseong, Durgapur, Jhargram, Kalyani, Cooch-Bihar, Chinsarah, Berhampur, Rampurhat, Siliguri, Balurghat, Alipurduar.

**Delhi**

Delhi Polytechnic, Pusa, Curzon Road (Women), Subzimandi, Arab-ki-Sarai, Malviya Nagar, Tilaknagar, Shahdara.

**Himachal Pradesh**

Mandi, Solan, Nahan.

**Manipur**

Imphal.

**Tripura**

Agartala, Kumarghat.

## (D) ENGINEERING COLLEGES

List of Engineering Colleges which impart Degree Courses in Civil, Electrical and Mechanical Engineering is given below. Against the institution that doesn't have all the three branches of Engg., the branches for which it imparts the courses are given in brackets. Other than these three branches if any are also given in brackets against the institution.

### Andhra

S.V. University College of Engg., Tirupathi.  
Andhra University Engg. College, Waltair.  
College of Engineering, Kakinada (Tele. Comm).  
College of Engineering, Anantapur.  
Regional College of Engineering, Warrangal.  
University College of Engineering, Hyderabad. (Mining, Tele. Comm.)

### Assam

Assam Engineering College, Gauhati.  
Jorhat Engg. College, Jorhat.  
Sri Venkateswara University College of Engg., Tirupati.

### Bihar

Bihar College of Engg., Patna.  
Muzaffarpur Institute of Technology, Muzaffarpur.  
Birla Institute of Technology, Mesra, Distt. Ranchi.  
Bihar Institute of Technology, Sindri (Chemical ; Tele. Comm. ; Metallurgy).  
Regional Institute of Technology, Jamshedpur. (Metallurgy).  
Bhagalpur Engg. College, Bhagalpur.

### Delhi

Delhi Polytechnic, Kashmere Gate, Delhi.  
College of Engg. & Technology, Delhi. (Chemical ; Textile Tech.)

### Gujarat

Faculty of Technology & Engg., M.S. University of Baroda (Textile ; Technology ; Architecture).  
Lukhdhirji Engg. College, Morvi.  
Birla Vishwakarma Mahavidyalaya, Vallabh Vidyanagar, Distt. Kaira.  
L.D. College of Engineering, Ahmedabad.  
Sardar Vallabhbhai College of Engg. & Technology, Surat.



**Jammu & Kashmir**

Regional Engg. College, Srinagar.

**Kerala**

Regional Engineering College, Kozhikode.

Engineering College, Kothamangalam.

College of Engineering, Trivandrum.

College of Engineering, Trichur.

N.S.S. College of Engineering, Palghat.

Thangal Kunju Musaliar College of Engg., Quilon.

**Madhya Pradesh**

Govt. College of Engg. & Technology, Raipur. (Metallurgy; Mining)

Madhav Engg. College, Gwalior.

Samrat Ashok Technological Institute, Vidisha.

Shri G.S. Technological Institute, Indore.

Maulana Azad College of Technology, Bhopal.

Govt. Engineering College, Jabalpur. (Tele. Comm.; Elec. Comm.)

**Madras**

Alagappa Chettiar College of Engg. & Tech., Karaikudi.

College of Engineering, Guindy, Madras (Mining ; Tele. Comm.)

College of Engineering, Kakinada.

Deptt. of Engg., Annamalai University, Annamalaiagar (Chemical).

Govt. College of Technology, Coimbatore.

P.S.G. College of Technology Peelamedu, Coimbatore.

Thiagarajar College of Engineering, Madurai.

Coimbatore Institute of Technology, Coimbatore.

Indian Institute of Technology, Guindy, Madras (Elec. & Mech. only) (Chemical ; Metallurgical)

**Maharashtra**

Walchand College of Engg., Sangli, South Satara.

College of Engineering, Wellesley Road, Poona. (Met. ; Tele. Comm.)

Regional College of Engineering, Nagpur.

Victoria Jubilee Technical Institute, Matunga, Bombay. (Text. Tech.)

Indian Institute of Technology, Worli, Bombay. (Chem. ; Met.)

College of Engineering, Station Road, Aurangabad.

College of Engineering, Karad.

**Mysore**

B.M.S. College of Engineering, Bangalore.

B.D.T. College of Engineering, Davangere.

B.V.B. College of Engg. & Technology, Hubli.

National Institute of Engineering, Mysore.

College of Engineering, Bangalore.

Engineering College, Manipal, South Kanara.

Engineering College, Gulbarga.

Regional Engineering College, Mangalore.  
 Karnatak Regional Engg. College, Surathkal, South Kanara.  
 Malnad College of Engineering Hussan.

### Orissa

University College of Engineering, Burla, P.O. Hirakud.  
 Rourkela Engineering College, Rourkela.

### Punjab

Punjab Engineering College, Chandigarh. (Electronics ; Aero-  
 nautical ; Textile ; Metallurgical).  
 Guru Nanak Engineering College, Ludhiana.  
 Thapar Institute of Engg. & Tech., Patiala.

### Rajasthan

Birla College of Engineering, Pilani. (Tele Comm.)  
 M.B.M. Engineering College, Jodhpur. (Mining)

### U.P.

Engg. College, Banaras Hindu University, Varanasi. (Municipal)  
 Moti Lal Nehru Regional College of Engg. & Tech., Allahabad.  
 College of Engg. & Tech., Muslim University, Aligarh.  
 University of Roorkee, Roorkee. (Tele. Comm. ; Arch.)  
 Engineering College, Dayal Bagh (Agra), (Elec. & Mech. only).

### West Bengal

Bengal Engineering College, Sibpur, Howrah. (Tele. Comm. ;  
 Mining ; Met. ; Arch.)  
 Indian Institute of Technology, Kharagpur. (Agri. ; Chem. ; Met. ;  
 Mining ; Arch. ; Naval Arch. ; Elec. Comm. ; Applied Geology ;  
 Geophysics)  
 College of Engg. & Technology, Jadavpur, Calcutta. (Chem. ; Tele.  
 Comm.)  
 Jalpaiguri Engg. College, Jalpaiguri.  
 Regional Engineering College, Durgapur. (Met.)



## (E) ENGINEERING (Other Branches)

### Advance Surveying and Air Surveying

Roorkee University, Roorkee (4 weeks course to B.E.).

### Engineering (Aeronautical)

Madras Institute of Technology, Chrompet, Chingleput, Madras.

Indian Institute of Science, Bangalore (Post-Graduate Course).

College of Engineering, Vizag.

Punjab Engg. College, Chandigarh.

### Engineering (Agriculture)

The Agricultural Institute, Allahabad.

Birla Institute of Technology Mesra Distt., Ranchi. } Degree Course

Indian Institute of Technology, Kharagpur. }

Indian Agriculture Research Institute, New Delhi. }

Govt. Polytechnic, Peelamedu, Coimbatore. (Post-Dip. Course)

### Engineering (Aircraft Maintenance)

Civil Aviation Training Centre, Allahabad.

Air Technical Training Institute, Dum Dum, Calcutta.

Southern College of Engg. & Tech., Perumanoor, Ernakulam.

Delhi Flying Club, Safdarjang Aerodrome, New Delhi, and other Flying Clubs also.

### Aircraft Training

Air India International Engg. School, Bombay.

### Air Conditioning Electrical Engineering

Roorkee University, Roorkee.

### Architecture

Govt. Polytechnic Sadar, Nagpur.

Sir J.J. College of Architecture, Bombay.

Govt. College of Fine Arts & Architecture, Hyderabad.

Faculty of Tech. & Engg., Baroda.

Bengal Engg. College, Howrah.

Delhi Polytechnic, Delhi.

The School of Planning & Architecture, New Delhi.

J.J. School of Arts, Bombay.

School of Architecture, Madras University, Madras.

Punjab College of Architecture, Chandigarh.

Roorkee University, Roorkee.

Indian Institute of Technology, Kharagpur.

Bhartia Kala Prasarni Sabha, Sadashiv, Poona.  
 Govt. College of Arts and Crafts, Lucknow.  
 Agra School of Architecture & Town Planning, Agra.  
 Kalabhavan Technical Institute, Baroda.  
 Nagpur University, Nagpur.  
 The Town Planning Association, Fort, Bombay.

### **Architecture and Town Planning**

Indian Institute of Technology, Kharagpur.  
 Bombay University, Bombay.  
 The School of Planning & Architecture, New Delhi.

### **Engineering (Automobile)**

Bhavsinhji Polytechnic Institute, Bhavnagar (Also Post-graduate Diploma Course & Post-Diploma Course).  
 D.S.G. & S.G. College of Engg. & Tech., Surat.  
 Govt. Polytechnic Sadar, Nagpur.  
 Victoria Jubilee Tech. Instt., Matunga, Bombay (Also post-graduate 2 year' course i.e., M.E. (Auto).  
 R.C. Tech. Instt., Ahmedabad.  
 Andhra Polytechnic, Kakinada Distt., East Godawri.  
 Govt. Polytechnic, Hyderabad.  
 Govt. Polytechnic Institute, Kalamasseri, Ernakulam.  
 Govt. Polytechnic, Ujjain.  
 Ramakrishna Mission Tech. Instt., Mylapore.  
 Tamilnad Polytechnic, Madurai.  
 Madras Institute of Technology, Chrompet, Madras (Post-graduate course also).  
 Govt. Polytechnic, Peelamedu, Coimbatore.  
 Karnatak Polytechnic, Mangalore.  
 S.J. Polytechnic, Bangalore.  
 C.P.C. Polytechnic, Mysore.  
 E.S. Parekh Technical Institute, Surat.  
 Automobile & Diesel Trg. Instt., Cuttack.  
 Air Technical Trg. Instt., Dum Dum.  
 Dr. S. & S.S. Gandhi College of Engg. & Tech., Surat.  
 Birla Instt. of Tech., Mesra Distt., Ranchi.  
 K.E.I. Tech. College, Dayalbagh, Agra.

### **Building Construction**

Indian Institute of Technology, Kharagpur.

### **Engineering (Chemical)**

J.V.D. College of Science & Tech., Andhra University, Waltair.  
 Indian Institute of Technology, Kanpur.  
 University College of Science, Hyderabad.  
 University College of Technology, Calcutta.  
 Delhi Polytechnic, Delhi.  
 Deptt. of Chemical Engg. & Tech., Punjab University, Chandigarh.



Indian Institute of Technology, Worli, Bombay.  
 Deptt. of Chemical Technology, Bombay University, Bombay.  
 College of Technology, Banaras Hindu University, Varanasi.  
 The Kerala Polytechnic, Kozhikode.  
 H.B. Technological Institute Kanpur. (Associateship & Followship  
 of H.B.T.I.) (Chem. Engg. & Tech.; Oil Chem. & Tech.) (Ph. D)  
 Bihar Institute of Technology, Sindri.  
 A.C. College of Technology Guindy, Madras.  
 Deptt. of Engg. Annamalai University, Annamalai Nagar.  
 Indian Institute of Science, Bangalore.  
 College of Engg. & Tech. Jadavpur, Calcutta (Post-graduate  
 course).  
 Indian Institute of Technology, Kharagpur.  
 Indian Institute of Technology Guindy, Madras.  
 College of Engineering, Bangalore.  
 Lakshminarayan Institute of Technology, Nagpur.  
 College of Engineering & Technology, New Delhi.  
 Govt. Polytechnic Institute, Kalamassery Distt. Trichur.

#### **Engineering (Civil and Municipal)**

Engineering College Banaras Hindu University, Varanasi.

#### **Engineering (Civil and Rural)**

Rural Institute Amravati.  
 S. M. Vidya Peeth Rural Institute, Gargoti Distt. Kolhapur.

#### **Engineering (Civil and Sanitary)**

Victoria Jubilee Technical Institute, Matunga, Bombay.

#### **Cinematography**

Govt. School of Technology, Madras.  
 S. J. Polytechnic, Bangalore.

#### **Colliery Managers Certificate of Competency**

Dhanbad School of Mines holds in January every year 1st and 2nd class exam.

#### **Concrete Technology and Structure**

Roorkee University, Roorkee (6 weeks course for Civil Engineers).

#### **Electrical and Mechanical Engineering Combined**

Engineering College Banaras University, Banaras.  
 College of Engg. Poona.  
 Birla Engg. College Anand.  
 College of Engg. Baroda.  
 V.J.T. Institute, Bombay.  
 B.V.B. College of Engg. Hubli.  
 Morvi Tech. Instt. Morvi.  
 Govt. Technical Institute, Charbagh, Lucknow.

**Engineering (Electrical Communication)**

Indian Institute of Science, Bangalore.

Govt. Polytechnic, Poona.

Govt. Engg. College, Jabalpur.

Madras Institute of Technology Chrompet, Madras.

College of Engineering, Poona.

Institute of Science, Bangalore.

Institute of Technology, Kharagpur.

*Scope of Employment*—Electrical Communication Engineers are employed in Overseas Communication Deptt.; A.I.R. ; Railways ; Post and Telegraph Deptt. ; Private firms.

**Engineering (Electrical Machine Design) M.Sc. (Engg.)**

College of Engg. Guindy, Madras.

P.G.S. College of Technology Peelamedu, Coimbatore.

**Electronics**

University College of Technology, Calcutta.

Madras Institute of Technology Chrompet, Chingleput.

Birla College of Engg. Pilani (B.E. Electronics); M.Sc. (Tech.) (Electronics & M.E.).

Punjab Engg. College, Chandigarh.

**Engineering (Fire)**

National Fire Service College, Nagpur.

**Engineering (Foundry, Pattern Makers, Assemblers)**

Govt. Technical Institute, Ambala.

**Geology**

Indian School of Mines and Applied Geology Dhanbad.

Deptt. of Geology and Geophysics Banaras University Varanasi.

**Geology and Geophysics**

Indian Institute of Technology, Kharagpur.

Deptt. of Geology and Geophysics, Banaras University.

**Geology and Ore Dressing**

Annamalai University, Annamalainagar.

**Applied Geology and Soil Mechanics**

Roorkee University Roorkee. (4 weeks course)

**Geophysics**

Indian Institute of Technology, Kharagpur.

Andhra University Waltair.

Banaras University Varanasi



**Engineering (Harbour)**

Nautical and Marine Engg. College, Azad Maidan Fort, Bombay.  
(Three years' course for F.Sc. with 50% marks between 16—19 years. Total expenses Rs. 620/- Merit Scholarships of Rs. 600/- p.a. for meritorious students).

**Engineering (Highway)**

College of Engg., Vizag.  
College of Engg., Guindy, Madras.  
College of Engg., Anantapur.

**Engineering (Hydraulics Advanced) M.Sc. (Engg.)**

College of Engineering Guindy, Madras.

**Engineering (I.C. Engine)**

Indian Institute of Science, Bangalore.  
Govt. Engineering College, Jabalpur. (Post graduate course)

**Engineering (Industrial)**

Indian Institute of Technology, Kharagpur. (Post graduate course)  
Productivity Centre of the Ministry of Labour has training course in work study.  
Institute of Industrial Engineers (India) has special courses.

**Engineering (Internal Combustion).**

S. N. Parekh Parsee Polytechnic Surat.  
Bhavasinhjee Polytechnic, Bhavnagar.  
Indian Institute of Science, Bangalore.

**Engineering (Marine)**

Directorate of Marine Engineering Training, Marine Engg.  
College Taratolla Road, Calcutta.

**Engineering (Mechanical Handling)**

Indian Institute of Technology Kharagpur.

**Engineering (Metallurgical)**

Indian Institute of Technology, Worli, Bombay.  
College of Engg. Wellesley Road, Poona. (Also Post Graduate Course)  
Bihar Institute of Technology, Sindri.  
Govt. College of Engg. & Tech., Raipur.  
Indian Institute of Science, Bangalore.  
Bengal Engg. College Sibpur, Howrah.  
Indian Institute of Technology Kharagpur.  
Regional Engg. College Durgapore Distt. Burdwan.  
Indian Institute of Technology Kanpur. (Post Graduate Course also)  
College of Mining and Metallurgy Banaras University, Varanasi.  
(Post Graduate Course also.)  
Indian Institute of Technology Guindy, Madras.  
Punjab Engg. College, Chandigarh.

Regional Institute of Technology Jamshedpur.  
Govt. Polytechnic Poona. (Dip. Course only)

### **Engineering (Mining)**

Indian School of Mines & Applied Geology, Dhanbad.  
College of Mining & Metallurgy Banaras University, Varanasi.  
Govt. College of Engg. & Technology, Raipur.  
College of Engg. Guindy, Madras.  
M. B. Memorial Engg. College, Jodhpur.  
Indian Institute of Technology Kharagpur.  
University College of Engg., Hyderabad.  
Bengal Engg. College, Botanic Gardens, Howrah.  
Govt. Mining Institute, Kothagudem. (Coal Mining & Non-Coal Mining)  
Govt. Mining Institute, Gudur.  
Govt. Mining Institute, Kodarma, Hazaribagh (Dip. Course only).  
Govt. Mining Institute Jharia (Dip. Course only).  
Dhanbad Mining Institute, Dhanbad.  
Bhaga Mining School, Bhaga. Distt. Dhanbad. (Dip).  
Asansol Polytechnic, Asansol.  
Govt. Mining Institute, Chindwara. (M.P.).  
Govt. Mining Polytechnic Shahdol. M.P.  
Govt. Polytechnic Peelamedu, Coimbatore.  
School of Mines Oorgaum, Distt. Kolar.  
S.J. Polytechnic Bangalore.  
Udaipur Polytechnic Udaipur.  
Central Polytechnic, Madras.  
Orissa School of Mining Engg. Keonjhar. (Orissa)

### **Motion Picture Photography**

Film Institute of India Poona. (3 years' Dip. Course).

### **Naval Architecture & Marine Engineering**

College of Engineering. Vizag.  
Indian Institute of Technology, Kharagpur.

### **Nuclear Science**

Saha Institute of Nuclear Physics 92, Upper Circular Road.  
Calcutta.

### **Photo Elasticity & Stress Analysis**

Roorkee University, Roorkee. (3 weeks' training to B.E.)

### **Engineering (Power)**

Institute of Science, Bangalore.

### **Engineering (Public Health)**

College of Engineering Guindy, Madras.  
All India Institute of Hygiene & Public Health, Calcutta.  
Govt. Engg. College Jabalpur.



**Engineering (Production)**

Bihar Institute of Technology, Sindri.  
 Muzaffarpur Instt. of Technology, Muzaffarpur.  
 P.S.G. Polytechnic, Coimbatore.  
 Institute of Production Engineers, Calcutta.

**Rural Agricultural Science (Diploma Course)**

R.K.M.V. Rural Institute Perianaickenpalayam, Coimbatore.  
 Rural Institute, Amravati.  
 G.G. Rural Institute, Gandhigram Distt. Madurai.  
 Lok Bharti Rural Institute, Sarosana Distt. Bhavnagar.  
 Institute of Rural Higher Education, Srineketan. (W.B.)

**Engineering (Radio)**

A. V. Parekh Tech. Institute, Rajkot.  
 St. Xaviers Tech. Instt., Bombay.  
 S. C. Wadia Institute of Electric Technology, Poona.  
 Sir Jayachamarajendra Occupational Instt. Bangalore.  
 Andhra Polytechnic, Kakinada.  
 Arthur Hope Polytechnic, Coimbatore.  
 Rampur Govt. Polytechnic, Rampur.

**Radio Engineering & Line Communication**

Central Polytechnic, Madras.

**Engineering (Radio & Sound)**

St. Xaviers Tech. Instt., Cruickshank Road, Bombay.

**Radio Physics & Electronics (M.E./M.Sc. Tech. Course)**

Institute of Radio Physics and Electronics 92, Upper Circular Road, Calcutta.

**Engineering (Radio & U.H.F.)**

Govt. Engg. College, Jabalpur.

**Engineering (Rural—Civil & Rural) (Dip. Course)**

B.V. Rural Institute Bichpuri, Agra.  
 Jamia Rural Institute, Jamianagar, New Delhi.  
 S.M.V. Rural Institute, Gargoti, Distt. Kolhapur.  
 Rural Institute College of Rural Higher Education, Shivajinagar Amravati.  
 R.K.M.V. Rural Institute Perianckenpalayam Coimbatore.  
 Vidya Bhawan Rural Institute, Udaipur.

**Refrigeration (Mech. Engineering)**

The School of the Indian Society of Refrigeration Engineers, Calcutta.  
 Roorkee University, Roorkee,

**Engineering (Sanitary)**

Central Polytechnic, Madras.  
 S.J. Polytechnic, Madras.  
 V.J.T. Institute, Bombay.  
 Calcutta Technical School, Calcutta.

**Engineering (Soil Mechanics & Foundation)**

Govt. Engineering College, Jabalpur.  
 College of Engineering, Guindy, Madras.

**Engineering (Sound)**

S.J. Occupational Institute, Bangalore.  
 St. Xaviers Technical Institute Cruickshank Road, Bombay.

**Sound Recording & Sound Engineering**

Film Institute of India, Bombay. (3 years Dip. Course)

**Engineering (Sound & Cinematography)**

Central Polytechnic Guindy, Madras.  
 Institute of Film Technology Broadway, Madras.

**Engineering (Structural)**

College of Engineering Guindy, Madras.

**Engineering (Textiles) (Degree Courses)**

Faculty of Technology Kala Bhavan, Baroda.  
 Victoria Jubilee Tech. Instt. Matunga, Bombay. (Also Post Graduate Course)  
 Delhi Polytechnic Kashmere Gate, Delhi.  
 Bhavsinhji Polytechnic Institute, Bhavnagar.  
 Technological Institute of Textiles, Bhiwani.  
 Indian Institute of Technology Agricultural Gardens, Kanpur.

**Textile Chemistry**

Deptt. of Chemical Technology Bombay, University.  
 Govt. Central Textile Institute, Kanpur.  
 M. S. University Baroda.  
 V.J. Technical Institute, Bombay.  
 R.C. Technical Institute, Ahmedabad.

**Textile Manufacture**

Bhavsinhjee Polytechnic Institute, Bhavnagar.  
 R.C. Technical Institute Saraspur, Ahmedabad.  
 Victoria Jubilee Tech. Instt. Matunga, Bombay.  
 Govt. Central Weaving Institute, Banaras.  
 Rayalaseema Polytechnic, Bellary.  
 Delhi Polytechnic, Delhi.



**Engg. (Tele-Communication)****Degree Course—**

Bengal Engg. College, Sibpur, Howrah.  
 College of Engg.; Wellesley Road, Poona.  
 Bihar Institute of Technology, Sindri.  
 Indian Institute of Science, Bangalore.  
 Govt. Engg. College, Jodhpur.  
 College of Engg., Guindy, Madras.  
 Birla College of Engg., Pilani.  
 College of Engg. & Tech. Jadavpur, Calcutta.  
 University College of Engg., Hyderabad.  
 Govt. Engg. College, Jabalpur.  
 Indian Institute of Technology, Worli, Bombay.  
 Roorkee University, Roorkee.

**Diploma Course**

Govt. Polytechnic, Hyderabad.  
 Govt. Polytechnic, Poona.  
 Govt. Polytechnic, Coimbatore.  
 S.J. Polytechnic, Bangalore.  
 Andhra Polytechnic, Kakinada.  
 George Telegraph Trg. Instt. Calcutta.

**Telegraph**

George Telegraph Trg. Instt., Calcutta.  
 (Telegraphy (Postal) one year; Typist Signaller 3 months; Wireless Telegraphy 16 months; Telegraphy Railway 9 months).

**Town & Regional Planning**

Bengal Engg. College, Botanical Gardens, Howrah. (Post-graduate Course)

**Engineering (V.F. and C.F.)**

Govt. Engg. College, Jabalpur.

**Wireless Telegraphy**

A.V. Parekh Technical Institute, Rajkot.  
 St. Xaviers College Tech. Instt., Bombay.

*Scope of Employment*—A Wireless Telegraphist can find job in Post and Telegraph Deptt., Police, Defence Services, in Private Shipping or Aviation Organisations. The minimum qualification for a *Radio Operator* is certificate of Proficiency as Wireless Operator awarded by the Ministry of Communication, Government of India, or the Post Master General's Certificate of Competency No. 2.

## (F) TECHNOLOGY

### Technology

Laxminarayan Instt. of Tech., Nagpur.  
College of Technology, Banaras University, Varanasi.

### Applied Physics

Deptt. of Applied Physics, University College of Science & Tech.,  
Calcutta. (M.Sc. Tech.)  
Jeypore Vikrama Deo College of Science & Technology,  
Andhra. (M.Sc. Tech.)  
Harcourt Butler Tech. Instt. Nawabganj, Kanpur.

### Technology (Applied Chemistry)

Deptt. of Applied Chemistry, Calcutta University.

### Analytical Chemistry

Madras University, Madras.

### Technology (Ceramics)

The Bengal Ceramic Institute, Calcutta, (advanced course)  
Banaras Hindu University, Varanasi. (M.Sc. Course)  
Sir Jaychamarajendra Polytechnic, Bangalore. (3 year Dip.  
Course)

### Ceramics & Pottery

Govt. Ceramic Instt., Gadur.

### Technology (Chemical)

Andhra University, Waltair. (M.Sc. Tech.)  
Indian Institute of Science, Bangalore.  
University College of Science, Hyderabad.  
Victoria Jubilee Tech. Instt., Bombay.  
Deptt. of Applied Chemistry, University College of Technology,  
Calcutta. (M.Sc. Tech.)  
University Deptt. of Chemical Technology, Bombay.  
Govt Central Textile Institute, Kanpur. (M.Sc. Tech.)  
College of Technology, Banaras University, Varanasi. (M.Sc. Tech.)  
Harcourt Butler Tech. Instt., Kanpur. (M.Sc. Tech.)  
University College of Chemical Technology, Osmania University,  
Hyderabad. (M.Sc. Tech.)  
Dept. of Tech., Annamalai University, Annamalai Nagar. (M.Sc.  
Tech.)



Chemical Technology Deptt., Punjab University, Chandigarh.  
(M.Sc. Tech.)

Indian Institute of Technology, Kharagpur. (M.Sc. Tech.)

### **Concrete Technology & Structure**

Roorkee University, Roorkee. (6 weeks course for Civ. Engrs.)

### **Technology (Cotton)**

Technological Laboratory of the Indian Central Cotton Committee, Matunga, Bombay.

### **Chemistry of Foods, Drugs and Water**

Andhra University, Waltair. (M. Sc.)

### **Cinematography and Sound Technology**

S. J. Polytechnic, Bangalore.

Govt. School of Technology, Madras.

Institute of Film Technology, Broadway, Madras.

### **Technology (Electrical)**

Indian Institute of Science, Bangalore.

### **Technology (Electro-Vacuum)**

Indian Institute of Technology, Worli, Bombay.

### **Technology (Film and Photography)**

Hindustan Film Ltd., P. B. 2072, Calcutta.

Central Polytechnic, Madras. (1½ years cinema operators course)

J. Occupational Institute, Bangalore. (Cinematography)

St. Xaviers College Technical Instt., Bombay. (6 months Projectionists course)

Allahabad University, Allahabad.

Gadbole's Photographic, Poona.

### **Technology (Fisheries)**

Govt. Polytechnic Institute, Kalamassari, Ernakulam.

Kerala Polytechnic, Kozhikode.

### **Technology (Fisheries and Navigation)**

Andhra Polytechnic, Kakinada.

Central Polytechnic, Guindy, Madras.

### **Technology (Food)**

Govt. Polytechnic Institute, Kalamassari, Ernakulam.

Kerala Polytechnic, Kozhikode.

### **Technology (Foods, Drugs and General Chemical)**

Jeypore Vikramadeo College of Science and Technology, Waltair.

Deptt. of Chemical Technology, Bombay University, Bombay.

**Technology (Fruit)**

Central Food Technological Research Institute, Mysore. (Post-graduate course)

**Technology (Fruits and Vegetables)**

Central Food Technological Research Institute, Mysore. (Post-graduate course)

**Technology (Fuel)**

College of Mining and Metallurgy, Banaras University.  
Lakshminarayan Institute of Technology, Nagpur.

**Technology (Glass)**

Banaras Hindu University, Varanasi.

**Technology (Glass and Enamel)**

Govt. Ceramic Institute, Gudur. (Certificate Course)

**Chemical Technology of Intermediates and Dyes**

Deptt. of Chemical Technology, Bombay University.

**Industrial Chemistry Chemical Technology**

College of Technology, Banaras University, Varanasi.  
(Scope : Govt. Penicillin Factory, Pimpri)

**Technology (Instruments)**

Madras Institute of Technology, Chrompet, Chingleput, Madras.

**Technology (Jute)**

The Institute of Jute Industry, 35, Ballygunge, Calcutta.

**Technology (Leather)**

College of Leather Technology, Calcutta.  
A. C. College of Technology Guindy, Madras.  
Central Leather Research Institute, Adyar, Madras.  
Calcutta University. (Dip. in Tanning)  
The Bengal Tanning Institute, Calcutta.  
Govt. Leather Working School, Kanpur.  
Govt. Leather Working School, Bandra, Bombay.  
Govt. Tanning Institute Bandra, Bombay.  
Institute of Leather Technology, Madras.  
Technical College, Dayalbagh, Agra.  
Govt. Tanning Institute, Jullundur.  
Leather Technical Institute, Morar, Gwalior.

**Technology (Oil)**

The Lakshminarayan Institute of Technology, Nagpur. (Degree Course)



Deptt. of Technology, Bombay University. (Degree Course)  
Oil Technical Institute, Anantapur. (Dip. Course)

**Technology (Oil) and (Oil, Soap and Paints) and (Soap and Paints)**

Bhav Singhji Polytechnic Institute, Bhavnagar.  
Delhi Polytechnic, Delhi.  
Lakshminarayan Institute of Technology, Nagpur.  
D. E. S. Technical Institution, Poona. (Dip. in Paints and Soap)

**Technology (Oil Chemistry)**

Harcourt Butler Technological Institute, Kanpur.

**Technology (Oil, Fats and Aeronautics)**

Maharaja's College, Ernakulam. (M.Sc. Applied Chemistry)

**Technology (Oil and Fats)**

M.B. Technological Institute, Kanpur. [M.Sc. (Mech.)]

**Technology (Oils, Fats and Waxes)**

Deptt. of Chemical Technology, Bombay University.

**Technology (Paints and Varnish)**

Deccan Education Society's Tech. Instt., Poona.  
Deptt. of Chemical Technology, Bombay University.  
Harcourt Butler Technological Institute, Kanpur. (M.Sc. Tech.  
Post-graduate Course)

**Technology (Petroleum)**

Indian School of Mines & Applied Geology, Dhanbad.  
Deptt. of Chemical Technology, Bombay University.

**Technology (Plasters)**

Deptt. of Chemical Technology, Bombay University.

**Technology (Printing)**

Regional School of Printing, Madras. (Dip. in Letter Press Group  
and Lithographic Art)  
Regional School of Printing, Calcutta.  
Jayachamarajendra Technical Institute, Bangalore.  
Central Polytechnic Broadway, Madras. (3 years full time or  
5 years part time course).  
Northern School of Printing Technology, Allahabad.  
Kalabhuvan Institute, Baroda University.  
School of Printing Technology, Bombay. (Letter Press &  
Lithography)  
School of Printing Technology, Jadavpur (Lic. in Printing Graphic  
Art)  
M.H. Saboo Siddik Technical Institute, Byculla, Bombay.  
(Printing Advancing)

**Technology (Production)**

Indian Institute of Technology, Kharagpur. (1½ years Advanced Course to Mechanical Engineers)

**Radio Physics**

University College of Technology, Calcutta.

**Technology (Silicate)**

College of Technology, Banaras University, Varanasi.

**Technology (Silk)**

Govt. Silk Institute, Nathanagar, Bhagalpur.

(Sericulture ; Silk Throwing ; Warping and Weaving ; Spinning, Bleaching, Dyeing & Printing.)

**Technology (Soap)**

University College of Science & Technology, Calcutta.

Kerala Soap Institute, Kozhikode.

Banaras University, Varanasi.

**Technology (Soap and Cosmetics)**

R.C. Technical Institute, College of Technology, Banaras University.

Saugar University.

**Technology (Sugar)**

National Sugar Institute. Nawab Ganj, Kanpur.

Andhra University Jeypore College of Science and Technical, Waltair.

**Technology (Sugar Chemistry)**

C.M.S. Govt. Polytechnic, Daurala, Distt. Meerut.

National Sugar Institute, Kanpur (Ph. D. and Associateship Courses)

**Technology (Textiles)**

Faculty of Technology, Kalabhuvan, Baroda.

Govt. Central Textile Institute, Kanpur.

A.C. College of Technology, Guindy, Madras.

S.K. Silver Jubilee Technology Inst., Bangalore.

Technological Institute of Textiles, Bhiwani, Distt. Hissar.

College of Textile Technology, Serampur, Hoogly.

College of Textile Technology, Behrampur, Murshidabad.

Victoria Jubilee Tech. Institute, Matunga, Bombay.

The Instt. of Textile Technology, Trivandrum.

Sir Bhavsinghji Polytechnic, Bhavnagar (Dip. in Text. Manu-  
facture)

Indian Institute of Technology, Kanpur.

College of Engg. & Tech., New Delhi.



Technology Laboratory of Indian Central Cotton Committee,  
Bombay.

Polytechnic Gulzarbagh, Patna.

Central Technical Institute, Gwalior.

Govt. Polytechnic, Cannanore.

P.S.G. Polytechnic Peelamedu, Coimbatore.

Thiagarajar Polytechnic, Salem (Madras).

Punjab Institute of Textile Technology, Hall Gate, Amritsar.

Govt. Central Weaving Institute, Banaras Cantt.

Delhi Polytechnic, Delhi.

Bengal Silk Technological Institute, Berhampore.

R.C. Technical Institute, Ahmedabad.

The Textile Technical School, Bombay.

### **Textile Apprentice**

Victoria Jubilee Technical Institute, Bombay.

### **Textile Chemistry**

R.C. Technical Institute, Ahmedabad.

Kalabhavan Technical Institute, Baroda.

Deptt. of Chemical Technology, Bombay University.

P.S.G. Polytechnic, Coimbatore.

Govt. Central Institute, Kanpur.

### **Textile Manufacture & H.C. Cotton Spinning**

R.C. Technical Institute, Ahmedabad.

Bhavsinghjee Polytechnic Institute, Bhavnagar.

### **Weaving Powerloom & L.C. Cotton Weaving**

Govt. Power Weaving Instructional Institute, Sholapur.

### **Weaving & L.C. Cotton Spinning**

Textile Technical School, Parel, Bombay.

### **Engg. Materials and Industrial X-Ray Technology**

Roorkee University, Roorkee. (3 weeks Course).

## Chapter Three

### TEACHING & ALLIED SUBJECTS

#### (A) TEACHERS TRAINING INSTITUTIONS

(Post-Graduate Course)

##### Andhra

- M. R. Training College, Vijayanagram, Visakhapatnam Distt.
- Andhra Christian College, Guntur.
- Govt. Training College, Kurnool.
- Govt. Training College, Rajahmundry, East Godawri Distt.
- Govt. Training College, Nellore.
- College of Education, Osmania University, Hyderabad.
- Govt. Trg. College, Hyderabad.
- Govt. Trg. College, Warangal.

##### Assam

- Post-Graduate Trg. College, Jorhat.
- Teachers Trg. College, Gauhati University, Gauhati.
- St. Mary's College, Shillong.
- G.C. College, Silchar.

##### Bihar

- Teachers Trg. College, Patna.
- Women Teachers Trg. College, Patna.
- Deptt. of Education, Patna University, Patna.

##### Delhi

- Central Institute of Education, 33, Chhatra Marg, Delhi.
- Jamia Millia Islamia Teachers Training Institute, Jamia Nagar.

##### Gujarat

- M. C. Mahila Pathshala, Near Sursagar, Baroda.
- Ramba Graduate Teachers College, Porbander, Distt. Sorath.
- Ahmedabad Graduate Teachers Training College, Ahmedabad.
- Faculty of Education and Psychology, Baroda.
- Secondary Teachers Trg. College, Rajkot.
- Prakash College of Education, Ahmedabad.
- Sarvajanic College of Education, Surat.
- S.L.U. College for Women, Ahmedabad.
- Secondary Teachers Trg. College, Sardar Vallabh Bhai Vidyapith, Anand.



**J. & K.**

Teachers Training College, Srinagar.  
 Teachers Training College, Jammu.  
 G.M. College, Srinagar.

**Kerala**

Govt. Trg. College, Trivandrum.  
 Govt. Trg. College, Trichur.  
 Govt. Trg. College, Kozhikode.  
 N.S.S. Trg. College, Changanacherry.  
 St. Thomas Trg. College, Palai.  
 Mount Carmal Trg. College, Kottayam.  
 Mar Theophilus Trg. College, Trivandrum.  
 Shri Narayana Trg. College, Nedunganda, P.O. Varkala.  
 St. Joseph's Trg. College for Women, Ernakulam.  
 St. Joseph's Trg. College, Mannam (Kottayam).  
 N.S.S. Trg. College, Pandalam.  
 Titus II Teachers College, Thiruvalla.  
 N.S.S. Trg. College, Ottapalam.  
 Mt. Tabor Trg. College, Pathanapuram.  
 P.M. Teachers Trg. College, Mavelikkara.  
 Karmela Rani Trg. College, Quilon.  
 S.N.M. Trg. College, Mothakunnam.

**M.P.**

Prantiya Shikshan Mahavidyalaya, Jabalpur.  
 Govt. Trg. College, Khandwa, Distt. E. Nimar.  
 Hawabagh Teachers Trg. College, Jabalpur.  
 Govt. Teachers Trg. College, Rewa.  
 Govt. Teachers Trg. College, Dewas.  
 Govt. Post-Graduate Basic Trg. College, Raipur.  
 Basic Training Maharaja College, Chattarpur.  
 Govt. Post-Graduate Basic Trg. College, Bhopal.  
 Govt. Post-Graduate Basic Trg. College, Ujjain.  
 Govt. Post-Graduate Basic Trg. College, Gwalior.  
 Govt. Post-Graduate Basic Trg. College, Bilaspur.  
 Govt. Post-Graduate Basic Trg. College, Sagar.

**Madras**

Deptt. of Education, Annamalai University, Annamalai Nagar.  
 Dr. Allagappa Chettiar Training College, Karaikudi-3.  
 Lady Willington Trg. College, Triplicane, Madras-5.  
 Govt. Basic Trg. College, Orathanad, Tanjore Distt.  
 Govt. Trg. College, Komarapalayam, Saleem Distt.  
 Govt. Trg. College, Pudukkottai.  
 Govt. Trg. College, Vellore.  
 Govt. Trg. College for Women, Coimbatore.  
 Govt. Trg. College, Madras-14.  
 Meston Trg. College, Vepery, Madras-7.  
 St. Christopher's Trg. College, Vepery, Madras-7.  
 St. Ignatius College for Women, Palayamkottai.

St. Xaviers Teachers Trg. College, Palayamkotti (Tirunelveli).  
 Sri Ramakrishna Mission Vidyalaya Teachers Trg. College,  
 Ramakrishna Vidyalaya Post Office, Coimbatore Distt.  
 Teachers College, Saidapet (Madras).  
 V.O.C. Teachers College, Tuticorin.  
 Thiagaraja College of Preceptors, Madurai.  
 Vivekananda Trg. College, Tiruparithurai.  
 Govt. Trg. College, Katpadi.  
 Matutina Trg. College for Women, Madras.  
 Annamalai Trg. College for Women, Tuticorin.

### **Maharashtra**

Shri Maharani Tarabai Teachers College, Kolhapur.  
 Secondary Trg. College, 3, Cruickshank Road, Bombay-1.  
 Tilak College of Education, Tilak Road, Sadashiv Peth, Poona.  
 University Trg. College, Amravati Road, Nagpur.  
 Dayanand College of Education, Sholapur.  
 Govt. B. Ed. College, Osmanpura, Aurangabad.  
 Govt. B.T. College, Akola.  
 Govt. Post-Graduate Basic Training College, Amravati.  
 St. Xavier's Institute of Education, Bombay.  
 P.V.D.T. College of Education, Bombay.  
 Janta Secondary Trg. College, Chanda.  
 Azad College of Education, Satara.

### **Mysore**

Institute of Education, Mysore.  
 University Teachers College, Mysore.  
 Secondary Teachers College, Belgaum.  
 St. Ann's Trg. College, Mangalore.  
 Vijaya Teachers College, Bangalore.  
 Govt. Trg. College, Mangalore.  
 Govt. B.Ed. College, Gulbarga.  
 Rashtriya Vidyalaya Teachers College, Bangalore.  
 M.E.S. Teachers College, Bangalore.  
 University Teachers College, Dharwar.

### **Orissa**

Radhanath Trg. College, Cuttack.  
 Govt. Trg. College, Sambalpur.

### **Punjab**

Govt. Post-Graduate Trg. College, Chandigarh.  
 Basic Trg. College, Baijnath (Kangra).  
 Govt. Basic Trg. College, Dharamsala.  
 Montgomery Guru Nanak Trg. College, Jullundur.  
 A.N. Institute of Education, Nawanshahar Doaba.  
 Govt. Training College for Teachers, Jullundur.  
 Teachers Trg. College, Rewari.  
 Malwa Trg. College, Ludhiana.



Central Trg. College, Faridkot, Distt. Bhatinda.  
 Chhotu Ram College of Education, Rohtak.  
 D.M. Institute of Education (Trg. College), Moga.  
 Dev Samaj Trg. College for Women, Ferozepur.  
 Khalsa Trg. College, Mukatsar, Ferozepur.  
 Govt. Trg. College for Women, Simla.  
 Sohan Lal Trg. College, Ambala City.  
 Saraswati Trg. College for Women, Amritsar.  
 Khalsa Trg. College, Amritsar.  
 Ramgarhia Trg. College, Phagwara.  
 State College of Education, Patiala.  
 G.H.G. Kh. Trg. College, Gurusar Sadhar, Distt. Ludhiana.  
 K.M. Post-Graduate Teachers Trg. College, Bhiwani.  
 College of Education, Kurukshetra University.  
 Govt. Basic Trg. College for Women, Sidhwan Khurd.

### Rajasthan

Govt. Teachers Trg. College, Ajmer.  
 Govt. Teachers Trg. College, Bikaner.  
 Basic Teachers Trg. College, Gandhi Vidya Mandir, Sardarshahar.  
 Vidya Bhawan Teachers Trg. College, Udaipur.  
 Mahesh Trg. College, Jodhpur.  
 Banasthali Trg. College for Women, Banasthali (Jaipur).

### U.P.

D.A.V. College, Karanpur, Dehradun.  
 Govt. Basic Trg. College, Varanasi.  
 Barahseni College, G.T. Road, Aligarh.  
 J.V. Jain College, Saharanpur.  
 N.A.S. College, Meerut.  
 B.R. College of Education, Raja Ki Mandi, Agra.  
 College of B. Ed., Muslim University, Aligarh.  
 Deptt. of Education, Gorakhpur University, Gorakhpur.  
 Town Degree College, Ballia.  
 Christian Trg. College, Lucknow.  
 Coronation Hindu College, Moradabad.  
 Almora Degree College, Almora.  
 D.A.V. Trg. College, Kanpur.  
 D.S. Teachers Trg. College, Aligarh.  
 Govt. Central Ped. Institute, Allahabad.  
 Govt. Constructive Trg. College, Near City Station, Lucknow.  
 Govt. Trg. College for Women, Allahabad.  
 Isabella Thoburn College, Lucknow.  
 Kayashtha Pathshala Trg. College, Allahabad.  
 Kishori Raman Trg. College, Mathura.  
 Deptt. of Education, Lucknow University, Lucknow.  
 Meerut College, Meerut.  
 Radhaswami Educational Institute, Dayalbagh, Agra.  
 Deptt. of Education, Banaras Hindu University, Banaras.  
 Mahila Vidyalaya, Ganga Prasad Road, Lucknow.

Tilak Dhari College, Jaunpur.  
 Women's Trg. College, Dayalbagh, Agra.  
 Bareilly College, Bareilly.  
 N R.E.C. College, Khurja.  
 A.K. College, Shikohabad.  
 D.J. College, Barut.  
 D.S.N. College, Unnao.  
 D.V. College, Orai.  
 K.V. Degree College, Machhra.  
 N.D. College, Shikohabad.  
 G. Degree College, Ganjdundwara.  
 Sri Vardhman College, Bijnor.  
 S.N. College, Azamgarh.  
 S.C. College, Ballia.  
 M.L.K. Degree College, Balrampur (Gonda).  
 B.D. College, Kushinagar (Deoria).  
 R.S.K.D. Degree College, Jaunpur.  
 H.C. Degree College, Varanasi.  
 T.D. College, Partapgarh.  
 Dayanand Women's Trg. College, Kanpur.  
 K.S. Saket Mahavidyalaya, Faizabad.  
 Degree College, Gazipur.  
 Dayanand Women's Trg. College, Dehradun.  
 Dayanand B. S. College, Kanpur.  
 Deptt. of Education, Allahabad University, Allahabad.  
 Deptt. of Education, Varanasya Sanskrit Vishwavidyalaya, Varanasi.  
 Gokul Das Hindu Girls College, Moradabad.  
 Baldeo Arya Kanya Pathshala, Moradabad.

### West Bengal

David Hare Trg. College, 25/3B, Circular Road, Calcutta.  
 Institute of Education for Women, Calcutta.  
 Loreto House, 7 Middleton Row, Calcutta.  
 Scottish Church College, 4 Cornwallis Square, Calcutta.  
 Teachers Trg. Deptt., Calcutta University.  
 Union Christian Trg. College, Berhampur, Distt. Murshidabad.  
 Viddya-Bhabana Shanti Niketan, Bolepur, Birbhum.  
 Teachers Trg. College, Kalyani, Distt. Nadia.  
 Govt. Trg. College, Hooghly.  
 Shri Ram Krishna B.T. College, P.O. Darjeeling.  
 Rama Krishna Mission Sikshan Mandira, Belur Howrah.  
 Ananda Chandra Trg. College, Jalpaiguri.  
 St. Xaviers Trg. College, Calcutta.  
 Gobardanga Hindu College, P.O. Khantura, Distt. 24 Parganas.  
 Sevayatan Shikshan Mahavidyalaya, P.O. Sevayatan, Jhargram,  
 Distt. Midnapur.

### Himachal Pradesh

Post-Graduate Basic Trg. College, Solan.

### Manipur

B.T. Section, D.M. College, Imphal.



## **(B) TEACHERS' TRAINING INSTITUTES**

**(Teachers Dip. in Basic Education or Home Science or Arts. etc.)**

### **Andhra**

- Domestic Science Training College, Saifabad, Hyderabad : Dip. in Teachers' Training (Domestic Sc.)
- Government Post-Basic Training College, Pentapadu : Intensive Community Training in Basic Education.

### **Assam**

- Post-Graduate Basic Training College, Titabar : Dip. in Basic Education.
- Post-Graduate College, Jorhat : Dip. in T.T.

### **Bihar**

- Teachers' Training College, Bhagalpur : Dip. in Education.
- Teachers' Training College, Ranchi : Dip. in Education.
- Teachers' Training College, Turki : Dip. in Education.
- Teachers' Training College, Samastipur.
- Teachers' Training College, Deoghar.

### **Delhi**

- Government Co-educational Teachers' Training Institute, Daryaganj, Delhi : Junior Basic Teachers' Training Cert.
- Jamia Teachers' College, Jamia Islamia, Jamianagar, New Delhi : Dip. in Basic Education.
- Lady Irwin College, New Delhi : Teachers' Dip. in Home Sc.

### **Gujarat**

- Graduate Basic Training Centre, Mangrol : Dip. in Basic Education.
- Graduate Basic Training Centre, Rajpipla (Dist. Broach) Dip. in Basic Education.

### **Kerala**

- Govt. Basic Trg. College, Ramavarmapuram.

### **Maharashtra**

- Acharya Jawadekar Vidya Bhavan, Gargoti (Dist. Kolhapur) : Dip. in Education.
- Graduate Basic Training College, Dhulia : Dip. in Basic Education.
- Nai Talim Bhavan, Sevagram (Wardha) : Dip. in Basic Education.

### **Mysore**

- Post-Graduate Basic Training College, Dharwar : Dip. in Basic Education.

**Orissa**

- Basic Training College, Angul : Basic Training Cert.  
 Basic Training School, Bargarh, Sambalpur : Basic Training Cert.  
 Basic Training School, Bhanjanagar (Ganjam) : Basic Training Cert.  
 Basic Training School, Nawrangpur (Koraput) : Basic Training Cert.  
 Basic Training School, Raj Sunakhala, Puri : Basic Training Cert.  
 Basic Training School, Tudigadia, Balasore : Basic Training Cert.  
 Govt. Secondary Training School, Chikiti (Ganjam) : C.T.  
 Secondary Training School, Agarpada (Balasore) : C.T.  
 Secondary Training School, Cuttack : C.T.  
 Secondary Training School for Women, Cuttack : C.T.  
 Secondary Training School, Kundukela (Sundargarh) : C.T.

**Punjab**

- Ahir College, Rewari : Drawing Teachers' Training.  
 Dayanand Training Institute, Nawanshahr Doaba : Art and Craft Teachers' Cert.  
 Govt. School of Arts, Simla : Art and Craft Teachers' Cert., Art Masters' Cert., Craft Masters' Cert.  
 Janta High and Training School, Butana, Rohtak : Art and Craft Teachers' Cert.  
 Mehar Chand Technical Institute, Jullundur : Art and Craft Teachers' Cert.  
 Ramgarhia Training College, Phagwara : Art and Craft Teachers' Cert., Drawing Master's Cert.  
 Tara Karan S. D. Technical Institute, Baijnath (Kangra) : Art and Craft Teachers' Cert.

**Tripura**

- Basic Training College, Kakraban P.O. : Cert. in Teachers' Training.  
 Basic Training (Teachers') College, Agartala : Post-Graduate Dip. in Teachers' Training.  
 Craft Teachers' Training Institute, Agartala : Cert. in Craft Teachers' Training.  
 Hindi Teachers' Training Institute, Agartala : Dip. in Hindi Teachers' Training (Senior).

**Uttar Pradesh**

- Bureau of Psychology, Allahabad : Guidance Psychologists' Diploma.  
 Govt. Basic Training College, Varanasi : L.T. (Basic).  
 Govt. College of Arts and Crafts, Lucknow : Drawing Teachers' Training Cert.



- Govt. College of Home Science for Women, Allahabad : T.C. (Home Sc.).
- Govt. Junior Basic Training College, Allahabad : C.T. (Basic).
- Govt. Junior Basic Training College, Lucknow : C.T. (Basic).
- Govt Junior Basic Training College, Baghra, Muzaffarnagar : C.T. (Basic).
- Govt. Nursery Training College, Allahabad : C.T. (Nursery).
- Govt. Training College for Women, Lucknow : C.T.
- Govt. Wood Working Institute, Allahabad : Dip. in T.T.C. (Wood Work).
- K.R. Training College for Girls, Mathura : C.T.
- Lal Bagh Girls' H.S. School (Nursery Classes), Lucknow : C.T. (Nursery).
- Queen Victoria Training Institute for Women, Agra : C.T.
- St. Mary's Convent Training College, Allahabad : Kindergarten and Junior School Teachers' Cert. and Secondary School Teachers' Cert.
- Training College for Teachers for Schools for Defectives, Lucknow : C.T.
- United Church and Northern India Training Institute for Women, Dehra Dun : C.T.

### West Bengal

- Chittaranjan Teachers' Training Centre, 101, Bettala Road, Calcutta : Undergraduate T.T.C.
- Geeta Vani (Music Deptt. of Banga Vani), Nidyaghat, Nabadwip (Nadia) : Teachers' Training Dip. in Music.
- Gokhale Memorial Girls' College, 1/1 Harish Mukherjee Road, Calcutta : Undergraduate T.T.C.
- Govt. College of Arts and Crafts, 28, Chowringhee Road, Calcutta : Dip. in Teaching (Decorative Art and Craft).
- Loreto College, 7, Middleton Row, Calcutta : Undergraduate T.T.C.
- Post-Graduate Basic Training College, Banipur (24-Parganas) : Dip. in Basic Education.
- Post-Graduate Basic Training College, Rahara (24-Parganas) : Dip. in Basic Education.
- Senior Basic Training College, Banipur (24 Parganas) : Dip. in Senior Basic Training.
- Senior Basic Training College, Barsul (Burdwan) : Dip. in Senior Basic Training.
- Senior Basic Training College, Mohammad Bazar (Birbhum) : Dip. in Senior Basic Training.
- Shree Ramakrishna Senior Basic Training College, Darjeeling : Cert. in Senior Basic Training.
- Teachers' Training Institution, 398/1, Keyatala Lane, Calcutta : Teachers' Training Dip. in Music.
- Viharilal Mitra College of Home Science, Calcutta.

### **(C) LIBRARIANSHIP/LIBRARY SCIENCE**

Library Course for Matriculates, Library Association, Delhi ;  
Poona ; Calcutta and Vijayavada (short duration).

Certificate Course for Intermediates, University of Aligarh (4  
months).

Certificate Course for Intermediates, University of Madras (4  
months).

Diploma Course for Graduates, University of Bombay (2 years.)

Diploma Course for Graduates, University of Madras.

Diploma Course for Graduates, University of Andhra (1 year.)

Diploma Course for Graduates, University of Calcutta.

Diploma Course for Graduates, University of Panjab.

Diploma Course for Graduates, University of Banaras.

Diploma Course for Graduates, University of Aligarh.

Diploma Course for Graduates, University of Delhi.

M.Lib. and Ph.D. Course University of Delhi (2 years Degree  
Course to Graduates with Dip. in Lib. Sc.)

Smt. Hansa Mehta Library, Baroda (Post-Graduate Dip.).

Govt. of India, Ministry of Education has 1 year Course for  
those employed in libraries. Public Library of South Wales,  
Sydney, Australia offers one year Training to Indian Graduates  
below 30.



## (D) MUSIC

- Deptt. of Indian Music, Madras University—2 years Dip.  
 Deptt. of Music, Annamalai University—4 years Sangita Bushana  
 B. Music & Dip. in Painting & Drama.  
 Allahabad University : 2 years Dip.  
 College of Music & Fine Arts, Banaras University: 2 years Sangita  
 Madyama, Dip. B. Music, M.D.  
 Maharaja, Govt. Music College, Vizianagaram (Andhra University):  
 2 years Dip.  
 The Gandarva Maha Vidyalaya, Bombay.  
 Viswabharathi University, Shantiniketan (Inter & Dip. in Instr. &  
 Vocal Music & Drawing).  
 A.E.G. Centre & School (instructors for military music).  
 The Central College of Carnatic Music, Adyar : 2 years.  
 Kalakshetra, Adyar, Madras (Sangit Shiromani).  
 Bengal Music College, 4, Hindustan Road, Calcutta (I. Music &  
 B. Music).  
 Bhatkhande Sangeet Mahavidyalaya, Jabalpur (Kovid).  
 Chatur Sangeet Mahavidyalaya, Nagpur (Kovid).  
 Chatur Sangeet Vidyalaya, Dewas (Kovid).  
 Shri Ram Sangeet Mahavidyalaya, Raipur (Kovid).  
 Kamla Devi Sangeet Mahavidyalaya, Raipur (Kovid).  
 Sangeet Mahavidyalaya, Indore (Kovid).  
 Deptt. of Music & Dance, Indian Kala Sangeet Vidyalaya,  
 Khairagarh (Kovid).  
 Madav Music College, Gwalior (Kovid).  
 College of Indian Music, Dance & Dramatics, Baroda University,  
 Baroda. B. Music, M. Music (Vocal & Instrumental Music,  
 Dance & Dramatics).  
 Department of Indian Music, Madras University, Madras. M L.H.  
 Ph. D., Dip. in Music.  
 Deptt. of Music, Delhi University, Delhi, B.A. (Hons.), Sangeet  
 Shiromani.  
 Institute of Music, Patna University, Patna (Cert. in Music).  
 Sangeet Bharati, 24, Shyamaprasad Mookerjee Road, Calcutta  
 (I. Mus. B. Mus.).  
 Sankar Mitter Kirtan Sikshyalaya, Calcutta (B. Mus.).  
 Sri Sarada Niketanam, Guntur (Dip. in Music).  
 S.N.D.T. College for Women, Queens Road, Bombay (B.A., MA.  
 Music).  
 Stella Marris College for Women, Mylapore, Madras (M.A.  
 Indian Music).  
 S.V. College for Music & Dance, Tirupati (B. Mus. Sangeet  
 Visharad).

- Town Degree College, Ballia (Dip. in Mus.).  
 Gauhati Music College, Gauhati (Dip. in Mus.).  
 Music Academy, Palghat (Ganabhooshanam).  
 R.L.V. Music Academy, Tripunithura (Ganabhooshanam).  
 S. S. T. Academy of Music, Trivandrum [Ganabhooshanam  
 (Vocal & Violin) Post Diplomas in Veena, Vocal Music &  
 Violin, Dip. in Dancing].  
 Kalavikash Kendra, Cuttack (Dip. in Classical Music).  
 Utkal College of Music & Dance, Cuttack (Dip. in Classical  
 Music).  
 Ajmer Music College, Ajmer : Dips. in Music (Madhyama, Sangit  
 Ratna & Sangit Nipun).  
 Bhatkande (Morris) College of Hindustani Music, Lucknow :  
 [Sangeet Visharad, Vadya Visharad, Nritya Visharad, T.M.C.  
 Vocal & Instrumental, T.D.C. (Dance)].  
 Bhatkhande Sangeet Vidyapeeth, Lucknow : Sangeet Visharad,  
 Sangeet Nipun, Nritya Visharad, Nritya Nipun, Vadya  
 Visharad, Vadya Nipun, L.T.M., I.D.C., I.M.C.  
 Komboj Sapatkala Niketan, Meerut : Sangeet Prabhakar, Dip. in  
 Music (Senior & Junior).  
 Prayag Sangit Samiti, Allahabad [Sangeet Prabhakar, Sangeet  
 Shiksha Nipun, Sangeet Praveena, Dips. in Music (Junior &  
 Senior)].  
 Sangeet Samaj College, Meerut (Sangeet Visharad, Nritya Visharad  
 Vadya Visharad).  
 Sangeet Vidyalyaya, Almora : Sangeet Prabhakar [Vocal & Instr.  
 Senior & Junior Dips. in Mus. (Vocal & Instr.)]  
 Academy of Dance, Drama and Music, 5, Dwarkanath Tagore  
 Lane Calcutta : Dips. & Certs. in Dance, Drama & Music.  
 All India College of Music, Arts & Crafts, Dhakura, Calcutta ;  
 Sangeet Visharad (Vocal), Vadya Visharad (Instrumental),  
 Nritya Prava (Dance), I.M.C. (Dance, Instrumental & Vocal).  
 Arya Sangeet Vidyapeeth, 199, Lansdowne Road, Calcutta.  
 Sangeet Visharad (Vocal). Vadya Visharad (Instrumental).  
 Bengal Music College, 4, Hindustan Road, Calcutta : Sangeet  
 Visharad (Vocal) Vadya Visharad (Instrumental) Geet Prava  
 (Bengali) Nritya Prava (Dance) Cert. in Mus.  
 Gandharwa Mahavidyalaya Mandal, Poona : Sangeet Shikshak  
 Sanad, Sangeet Shikshak Visharad and Sangeet Shikshak  
 Parangat.  
 Gita Bitan Shikshayatan, 25-B, S. P. Mukerjee Road, Calcutta :  
 Gita Bharati (Rabindra Sangit), Sura-Bharati Instrumental  
 (Esraj, Guitar, Sitar & Violin), Nritya Bharati (Dance).  
 Hrishikesh Sangeet Vidyalyaya, Nabadwip (Nadia) Dips. & Certs.  
 in Vocal Mus., Instrumental Mus. & Dance.  
 Ram Saran College of Music, Vishnupur, Bankura : Dips. in Mus.  
 (Sura Tiratha, Jhankar Tiratha & Sangeet Tiratha).  
 Sangit Bharati 25-B, Russa Road, Calcutta : Degree in Mus. Cert.  
 in Music.



## (E) HOME SCIENCE & DOMESTIC SCIENCE

- Avinashilingam Home Science College, Coimbatore. (M.Sc.)  
Deptt. of Home Science, Allahabad University, Allahabad : 2 years. (B.A. Home Arts., B.Sc. Home Science)  
Faculty of Home Science, Baroda University, Baroda : B.Sc. & M. Sc. (Home)  
Lady Amritbai Daga College for Women, Nagpur. (I.Sc. & B.Sc.)  
Lady Irwin College, New Delhi : 3 years. B.Sc. (Hons.), B. Ed, M.Sc. (Nutrition)  
M.H. College of Home Science, Jabalpur. I.Sc. & B.Sc. (Home Science)  
Queen Mary's College, Mylapore, Madras. B.Sc. (Home Science) M.Sc. (Home Management)  
Rajasthan Mahila Vidyalaya, Udaipur. (B.Sc. Home Science)  
University College of Arts, Calcutta. Dip. in Home Science.  
Women's Christian College, Cathedral, Madras : 2 years. B.Sc. (Institution Management & Nutrition). (Home Science) M.Sc.  
College of Home Science Sector 10, Chandigarh. B.Sc. (Home Science)  
Domestic Science Training College, Saifabad, Hyderabad : Dip. in Domestic Science.  
Girls Vocational Institute, Warangal. Cert. in Domestic Science.  
Girls Vocational Institute, Hyderabad (Dn.). Cert. in Domestic Science.  
Girls Vocational Institute, Secunderabad, Cert. in Domestic Science.  
Girls Vocational Institute, Aurangabad. Cert. in Domestic Science.  
Maharani Vijaimala Chatrapati Grahini Mahavidyalaya, Kolhapur : 2 years for S.Sc. Dip. in Home Science.  
Nirmala Niketan Home Science Institute, New Marine Lines, Bombay. Dip. in Home Science.  
Girls Vocational Institute, Gulbarga. Teachers Trg. Cert. in Domestic Sc.  
Women's University, Bombay : 3 years B.A. Degree.  
B.L. Institute of Home & Social Science, Calcutta University, Calcutta.

## (F) SOCIAL SCIENCE (SOCIOLOGY) & SOCIAL WORK

- Institute of Social Service, Nirmala Niketan, 38, New Marine Lines, Bombay. (Post-Graduate Course in Social Work)
- J.K. Institute of Sociology & Human Relations, Lucknow. (No fees. 2½ years Degree Course, 1 year Dip.)
- Tata Institute of Social Sciences, Sion, Trombay Road, Bombay. 2 years Post-Graduate Dip. in Social Service Administration and PH.D.
- Social Education Organisers Training Centre, Laxmisagar, Bhubaneshwar. Cert. in Social Education.
- Kashi Vidya Pith, Varanasi. Master of Applied Sociology.
- The Indian Institute of Social Welfare & Business Management, College Square, Calcutta Dip. in General Social Welfare.
- Madras School of Social Work, Chetput.
- B.C.M. College for Women, Kottayam (Dip. in Social Work)
- Christ Church College, Kanpur. M.A. Sociology.
- D.A.V. College, Kanpur. M.A. Sociology.
- D.A.V. College, Dehradun. M.A. Sociology.
- Dayanand College, Ajmer. M.A. Sociology.
- Delhi School of Social Work. M.A. Social Work.
- Deptt. of Economics & Commerce, Delhi School of Economics, Delhi. M.A. Sociology.
- Deptt. of Labour & Social Welfare, Bhagalpur University, Bhagalpur. M.A. Labour and Social Welfare.
- Deptt. of Labour & Social Welfare, Patna University, Patna. M.A. Labour & Social Welfare.
- Deptt. of Post-Graduate Studies & Research in Sociology, Jabalpur University. M.A. Sociology.
- Deptt. of Rural Economics & Sociology, Cuttack. (Research)
- Deptt. of Social Sciences, Annamalai University, Annamalainagar (B.A. M.A. M.Litt.)
- Deptt. of Sociology, Bombay University, Bombay. M.A. & PH.D.
- Deptt. of Sociology & Social Work, Lucknow University, Lucknow. B.A., B.A. (Hons.), M.A., PH.D., D. Litt.
- Deptt. of Sociology, Bhagalpur University, Bhagalpur. M.A. Sociology.
- Deptt. of Sociology, Gorakhpur University, Gorakhpur, M.A. Sociology.
- Deptt. of Sociology Karnatak, University, Dharwar. M.A. & Ph.D.
- Deptt. of Sociology, Punjab University, Chandigarh. M.A. Sociology.
- Deptt. of Sociology, Patna University, Patna. M.A. Sociology.



- Elphinstone College, Fort, Bombay. M.A. Sociology.  
 Faculty of Arts, Baroda University, Baroda. M.A. Sociology.  
 Faculty of Social Work, Baroda University, Baroda. M.S.W.  
 Guruvayarappa College, Kozhikode. Dip. in Social Science.  
 Hislop College, Nagpur. M.A. Sociology.  
 H.P.T. College, Nasik. M.A. Sociology.  
 Indore Christian College, Indore. Dip. in Social Work,  
 M.A. Sociology.  
 Institute of Social Sciences, Agra University, Agra. M.A. Sociology,  
 M.S.W.  
 Jat Vedic College, Baraut. M.A. Sociology.  
 J. K. Institute of Sociology and Human Relations, Lucknow.  
 M.S.W.  
 Kanada Research Institute, Dharwar. M.A. Sociology.  
 K.G.K. College, Moradabad. M.A. Sociology.  
 Maharaja's College, Mysore. M.A. Sociology.  
 M.B. College, Udaipur. M.A. Sociology.  
 N.S.S. Hindu College, Changanacherry. Dip. in Social Science.  
 Patna College, Patna. B.A. Hons. (Sociology).  
 P. S. G. Arts College, Peelamedu, Coimbatore. Dip. in Social  
 Science. 1 year Part time for B.A.  
 Sacred Heart College, Thevara. 1 year Part time for B.A.  
 S. C. College, Ballia. 1 year Part time for B.A.  
 Town Degree College, Ballia. 1 year Part time for B.A.  
 S.D. Govt College, Beawar. M.A. Sociology.  
 S.N.D.T. College for Women, Bombay. M.A. Sociology.  
 S.N.D.T. College for Women, Poona, M.A. Sociology.  
 Stella Maris College, Mylapore, Madras. Dip. in Social Science.  
 1 year Part time for B.A.  
 Madras School of Social Work, Madras. 1 year Part time for B.A.  
 St. Teresas College, Ernakulam. 1 year Part time for B.A.  
 St. Xaviers College, Cruickshank Road, Bombay. M.A. Sociology.  
 Udaipur Scheme of Social Work, Udaipur, M.A. Social Work.  
 University College of Arts and Commerce, Hyderabad. M.A.  
 Sociology.  
 University College of Arts and Commerce, Waltair. Dip. in Social  
 Work.  
 University School of Social Science, Ahmedabad. M.A. Sociology.

## (G) ARTS & CRAFTS AND FINE ARTS

*Delhi Polytechnic, Delhi.* 1. All India Diploma Course 5 years.

2. All India Certificate Course Part time 7 years.

(National Dip. in Applied Art, National Cert. in Commercial Art, Polytechnic Cert. in Art).

*Govt. College of Arts and Crafts, Lucknow.* 1. Diploma 5 years.

(Dips. in Fine Arts and Commercial Art. and Post Dip. Course in Fine Arts and Sculpture) 2. Certificate course of 2 years for Drawing teachers.

*Central School of Arts and Crafts, Hyderabad.* Diploma 5 years.

*H. H. The Maharaja's School of Arts, Trivandrum.* 4 years Certs.

in (a) Drawing and Painting (b) Clay Modelling and Sculpture.

*School of Arts and Crafts, Madras.* Certificate 2 years for General Drawing ; 3 years for Modelling.

*Govt. College of Arts & Crafts, Calcutta.* Diploma 5 years (Dips. in Applied Art, Drawing and Painting).

*Sir J.J. School of Arts, Bombay.* Dips. in Drawing and Painting, Sculpture and Modelling Certs. in Drawing Teachers Training and Arts and Crafts.

*Kalabhavan Technical Institute, Baroda.* Diploma 4 years.

*Jamia Millia Islamia Teachers Trg. Instt., Jamianagar, Delhi.* Course for art teachers.

*Kalabhavan, Shantiniketan.* Dip. in Fine Arts.

*Sir J.J. School of Commercial Art, Bombay.* Dip. in Commercial Art.

*Lakshmi Kala Bhavan, Dhar.* Dip. in Drawing and Painting.

*Moinuddin Art Gallery, Aligarh.*

*Austosh Mukerjee Museum of Art, Calcutta.*

*Govt. College of Fine Arts, Gun Foundry, Hyderabad.* (Inter Certs. and Dips. in Applied Art and Design Arch., Commercial Arts ; Painting and Sculpture ; Advanced Dip. in Painting.

*Govt. School of Arts, Simla.* Dips. in Applied Art, Drawing and Painting, Clay Modelling, Sculpture and Commercial Art.

### Painting and Sculpture

*Banaras Hindu University, College of Music and Fine Arts.*

1. Diploma Course 2 years. 2. Senior Diploma in Painting and Sculpture further 2 years.

*Allahabad University.* Diploma course in Painting 2 years B.A. in Fine Arts.

*Govt. School of Arts and Crafts, Egmore.* 1. Diploma Course in advanced Painting one year. 2. Certificate course 3 years.

*Govt. Technical Institute, Lucknow.* Certificate course in Painting 3 years.



- R. V. School of Painting, Mavelikkara* (Cert., Dip. and Post Dip. in Painting; Cert. in Modelling and Sculpture).  
*Govt. College of Fine Art, Gwalior*. Dip. in Drawing and Painting.  
*Kala Mahavidyalaya, Indore*. Dip. in Fine Arts.  
*M. S. Bhand's School of Arts, Gwalior*. Dips. in Drawing and Painting; Certs. in Drawing and Modelling.  
*Komboy Saptakala Niketan, Meerut*. Certs. in Acting, Painting and Demonstration.  
*Deptt. of Drawing and Painting, Gorakhpur University, Gorakhpur*.  
*Faculty of Fine Arts, Baroda University, Baroda*, B.A. and M.A.  
*S.N.D.T. College for Women, 1, Queens Road, Bombay*. B.A., and M.A. (Drawing and Painting).  
*University College of Arts, Calcutta*. Cert. in Art Appreciation.  
*Nagpur University, Nagpur* (C.A.)  
*Govt. School of Arts and Crafts, Madras* (C.A.)

### Training of Crafts Instructors

Central Training Institutes at Koni Bilaspur (M.P.), Calcutta. Bombay, Kanpur, Madras, Ludhiana and Hyderabad.

## (H) PHYSICAL EDUCATION

- Gov. College of Health and Physical Education, Patna. (Dip. in P.E.).
- Hirapur School of Physical Education, Dhanbad (Cert. in P.E.)
- G.S. College of Yoga and Cultural Synthesis, Lonavala (Dip. in Yoga).
- Training Institute for Physical Education, Kandivli (Dip. in P.E.) 9 months to graduates.
- Govt. College of Physical Education, Trivandrum (Dip. in P.E.)
- Physical Education College, Kozhikode (Dip. in Physical Training).
- Lakshmibai College of Physical Education, Gwalior (Degree in P.E.) 3 years to Intermediates below 20. Fees Rs. 300/-
- Y.M.C.A. College of Physical Education, Saidapet, Madras (Post Dip. in P.E.); (Dip in P.E. for women), (Higher Grade Cert. in P.E.).
- Maharashtriya Mandal, Poona Cert. in P.E. (external).
- Govt. College of Physical Education, Cuttack (Cert. in P.E.).
- Govt. College of Physical Education, Jodhpur. (Dip. & Cert. in P.E.)
- Christian College of Physical Education, Lucknow. (Cert. in P.E.)
- Govt. College of Physical Education for Women, Allahabad (Dip. & Cert. in P.E.)
- Govt. College of Physical Education, Rampur. (Dip. & Cert. in P.E.).
- Shri Gandhi Smarak College of Physical Education, Samodhpur (Jaunpur) (Cert. in P.E.).
- Post-Graduate Training College of Physical Education, Banipur, P.O. Baigachi (24-Parganas) (Dip. in P.E. for Men & Women, Cert. in P.E. for Women).
- Andhra Trg. College of Ph. Edu., Vijayawada. (1 Year Cert.)
- C.P. Vyayam Mahavidyalaya, Rajpipla. (1 Year Dip.)
- Madras University. (1 Year Dip.)
- College of Physical Education, Patiala.



## (I) RURAL SERVICES

(Diploma Course)

R.K.M.V. Rural Institute, Perianaickenpalayam, Coimbatore.  
G.G. Rural Institute-Gandhigram, Distt. Madurai.  
Rural Institute of Higher Studies Birauli, Darbhanga.  
Kasturba Rural Institute, Rajpura.  
Vidya Bhavan Rural Institute, Udaipur.  
Institute of Rural Higher Education, Srineketan (W.B.).  
Lok Bharati Lok Seva Mahavidyalaya (Rural Institute) Sanosara.  
Rural Institute Shivajinagar Amravati.  
B.V. Rural Institute, Bichpuri, Distt. Agra.  
Jamia Millia Rural Instt., Jamia Nagar, New Delhi.  
Rural Higher Institute, Mouni Vidyapeeth, Gargoti, Distt.  
Kolhapur.

## (J) MISCELLANEOUS

Teachers College, Saidapet (Manual Trg. Certificate & Art Masters Certificate Course.)

Chitral School for Adults, Annamalai University (Adult Education Teachers Trg.).

Govt. Training School for Adult School Teachers, Udayagiri, Dist. Nellore (Adult School Teachers Course).

### **Business Management**

All India Institute of Social Welfare and Business Management, Calcutta (1 year Full time & 3 years Part time).

The School of Economics and Sociology, Bombay.

Deptt. of Economics, Madras University, Madras.

Delhi School of Economics, Delhi University, Delhi (3 years part time Course) (Industrial Management).

### **Business Administration**

Sydenham College of Commerce and Economics, Bombay.

### **Banking**

Baroda University has a banking course for Graduates.

Associate Examination of the Indian Institute of Bankers, Fort, Bombay.

### **Public Administration**

Indian School of Public Administration, Indraprastha Estate, New Delhi.

### **Accountancy**

Minakshi Educational Institute, Kaka Tope St., Madurai (Dip. A.C.A.).

### **Journalism**

Calcutta University-2 years diploma course.

Madras University-1 year diploma course.

Punjab University-1 year Diploma course.

Hislop College, Nagpur-1 year Diploma course.

The Hornimon College of Journalism, Bombay-one year Dip. Course.

### **Foreign Languages**

Banaras Hindu University-2 years Diploma Course in Italian, Chinese, French & German.

Cheena Bhavan, Shantiniketan.

Osmania University Hyderabad-2 years Diploma Course in French and German.

Delhi University-2 years Diploma, 1 year Certificate in Russian.



Madras University-2 years Diploma, 1 year Certificate in French and German.

Calcutta University-1 year Dip. in French, German, Russian, Chinese, Spanish, Portuguese, Italian, Persian, Arabic, Burmese, Japanese, Indonesian.

Lucknow University-2 years Course in French & German.

**Museum Technique** (3-4 months course in Museum)

Govt. Museums at Madras and Pudukkottai.

State Museum at Baripada, Bhubaneshwar, Mayurbhanj, Srinagar and Hyderabad.

Central Museums at Nagpur and Bhopal

Provincial Museums at Gauhati and Lucknow.

Municipal Museums at Allahabad and Faizabad.

Museums at Raipur, Gwalior, Indore, Dhar, Patna, Vaisali and Trichur.

Asutosh Museum of Indian Art, Calcutta University.

Art Museum, Trivandrum.

National History Museum, Trivandrum.

Museum of Antiquities, Padmanabhapuram.

Central Asian Antiquities Museum, New Delhi.

Central Govt. Archaeological Museum, Sarnath.

Central Govt. Archeological Museum, Mathura.

Sri Chitralayam, Trivandrum.

B.S. Parishad Museum, Calcutta.

B.S. Museum, Chamba.

The Site Museum, Port Raisen, Raisen Distt.

Prince of Wales Museum, Bombay.

St. Xaviers College Museum, Bombay.

Bharat Ithihasa Sansodhak Mandal, Poona

Victoria Jubilee Museum, Vijayawada.

The National Museum, New Delhi.

**Archaeology**

School of Archaeology, Janpath, New Delhi.

National Archives of India, Janpath, New Delhi.

K.P. Jayaswal Research Institute of Patna.

Archaeological Museums.

**Archives Keeping**—National Archives of India has 20 months Course in Archival Science commencing in September every year for at least II class M.A. in Modern History or High Honours Degree. Also offers ten stipends of Rs. 150/- each.

London University has two-year Diploma Course in Librarianship & Archives.

American University, Washington has two-year Course in Archives Administration.

*Field of Employment*—Central and State Archives, Archaeological Museums and Research Office at Bhopal.

**Indology**

Maharaja's College, Mysore (1 year Dip. course), (3 years Hons. Course).

## Chapter Four

### AGRICULTURE AND ALLIED COURSES

#### (A) LIST OF AGRICULTURE COLLEGES

[Which accord B.Sc. (AGR) Degree]

- \*Agriculture College, Bapatla (Guntur District).
- College of Agriculture, Osmania University, Hyderabad.
- Assam Agricultural College, Jorhat.
- Agriculture College, Sabour, Distt. Bhagalpur, BIHAR.
- Agriculture College, Kanke, Distt. Ranchi, BIHAR.
- \*B.A. College of Agriculture, Anand, Distt. Kaira, Gujarat.
- Agriculture College & Research Institute, Vellayani, Trivandrum.
- Agriculture College, Jabalpur.
- M.B. Agriculture College, Gwalior.
- R.A.K. Agriculture Institute, Sehore (M.P.).
- Govt. Agriculture College, Rewa (M.P.).
- \*Madras Agriculture College, Lawley Road, Coimbatore.
- Agricultural College, Akola (Maharashtra).
- Agricultural College, Nagpur (Maharashtra).
- Agricultural College, Parbhani (Maharashtra).
- \*College of Agriculture, Poona-3.
- \*College of Agriculture, Dharwar; (MYSORE).
- Agricultural College, Bangalore.
- Utkal Krishi Mahavidyalaya, P.O. New Capital (B.B.S.R.) Distt. Puri (ORISSA).
- Dairy Science College, Central National Dairy Research Institute, Karnal (PUNJAB).
- \*Govt. Agriculture College, Ludhiana.
- Khalsa College, Amritsar.
- Rajasthan College of Agriculture, Udaipur.
- S.K.N. Agriculture Institute, Jobner, Distt. Jaipur.
- Allahabad Agricultural Institute, Allahabad.
- College of Agriculture, Banaras Hindu University, Banaras.
- Darbar College, Rewa.
- Deoria Mahavidyalaya Degree College, College of Science Agriculture & Cane Research, Deoria. (U.P.).
- \*Govt. Agricultural College, Nawabganj, Kanpur.
- Amar Singh Jat College, Lakhaoti, Bulandshahr.
- R.S.K. Degree College, Simbhaoli, Distt. Meerut.
- \*Balwant Rajput College, Agra.



Jat Vedic College, Baraut, Distt. Meerut.

Sri Durga Ji Degree College of Agriculture, Chandeshar, Azamgarh.

Birla College of Agriculture, Haringhata, P.O. Moanpur, Distt. Nadia (W.B.).

West Bengal State College of Agriculture, Calcutta.

Central Food Technological Research Institute, Mysore (Post-Graduate course).

Indian Agricultural Research Institute, Delhi.  
(Post-Graduate).

## **(B) INSTITUTIONS OFFERING CERTIFICATE AND DIPLOMA COURSE**

### *Certificate Course*

Lok Bharati, Lok Seva Mahavidyalaya, Sanosara.

Lok Bharati Rural Instt., Sanosara.

S. R. M. "V. Rural Instt. of Hr. Edu., Perianaickenpalayam,  
Coimbatore.

The Gandhigram Rural Instt., Gandhigram P.O. (Dist. Madurai).

Rural Instt., Shivajinagar, Amravati.

Institute of Rural Higher Education, Sriniketan.

### *Dip. Course*

#### **Madhya Pradesh**

Government Agricultural Institute, Laxmipur, Panna : Dip. in  
Agriculture.

#### **Mysore**

National Dairy Research Institute, Bangalore : Indian Dairy  
Diploma.

#### **Uttar Pradesh**

Agricultural School, Gurukul University, Kangri : Krishi  
Diploma.

Agricultural School (Jat College), Muzaffarnagar : Agri. Extension  
Dip. Exam.

Agriculture School, Rajput Siksha Shivir, Dhaulana (Meerut)  
Agri. Extension Dip. Exam.

Agriculture School, Town Inter College, Ballia : Agri. Extension  
Dip. Exam.

F.N.E. Agricultural School-cum-Extension Training Centre,  
Rajghat, Varanasi : Agri. Extension Dip. Exam.

Allahabad Agricultural Institute, Allahabad : Indian Dairy  
Diploma.

Government Agricultural Institute, Bulandshahr : Agri. Extension  
Dip. Exam.

Government Agricultural School, Chirgaon (Jhansi) : Agri.  
Extension Dip. Exam.

K.M. Munshi Land Institute, Sarojini Nagar, Lucknow : Agri.  
Extension Dip. Exam, Rural Services Course.

Rajkiya Krishi Vidyalaya, Gorakhpur : Agri. Extension Dip.  
Exam.

Rural Agricultural School, Bisawar (Mathura). Agri. Extension  
Dip. Exam.

Sri Gandhi Smarak Agricultural School, Samodhpur (Jaunpur) :  
Agri. Extension Dip. Exam.



## **(C) DEGREE COURSE : VETERINARY SCIENCE AND ANIMAL HUSBANDRY**

Andhra Veterinary College, Tirupati.

The University College of Vet. Sc. and Animal Husbandry,  
Hyderabad.

Assam College of A.H. and Vet. Science, Gauhati.

\*Bihar Vet. College, Patna.

The Bombay Vet. College, Parel, Bombay.

\*The Vet. College, Mannuthy, Trichur.

M.B. College of Vet. Sc. and Animal Husbandry, Mhow.

\*Madhya Pradesh Vet. College and Livestock Research Institute,  
Jabalpur.

The Madras Vet. College, Vepery, Madras.

The Orissa College of Vet. Science and Animal Husbandry,  
Cuttack.

The Punjab College of Vet. Science and Animal Husbandry,  
Hissar.

\*The Rajasthan College of Vet. Science and Animal Husbandry,  
Bikaner.

The U.P. College of Vet. Science and Animal Husbandry,  
Mathura.

\*The Bengal Vet. College, Calcutta.

### **Diploma Course :**

The Intermediate Vet. College, Hazrat Gunge, Gwalior.

The Livestock Supervisor's Trg. Class, Mechanised State Farm,  
Chak Ganjeria, P.O. Banks Distt. Lucknow.

The Govt. Dairy-cum-Bull Farm, Vishakhapatnam (Andhra).

The Govt. Vet. School, Faridkot (Pb.).

The Govt. School of Vet. Science, Hyderabad.

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*Note*:—Starmarked colleges also offer 2 years diploma course to  
Matriculates.

## (D) DAIRY EDUCATION

National Institute of Animal Husbandry and Dairying, Bangalore:  
2 years M.Sc and Ph.D.

Agricultural Institute Naini, Allahabad (Dip. 2 years to matriculates).

National Dairy Research Institute, Karnal and Regional Station, Bangalore (M.Sc. Dairying 2 years).

Dairy Science College, Karnal-3½ years B.Sc. (Dairying) course to I.Sc.

Dairy Technological Institute, Arey (Bombay).

Institute of Agriculture, Anand.

West Bengal State Institute of Dairying and Animal Husbandry, Haringhatta.

### **Courses offered at the National Dairy Research Institutes, Karnal & Bangalore**

M.Sc. Dairying 2 years.

Post-graduate by research leading to M Sc. and Ph.D. 2 years  
Course at Karnal and Bangalore.

B.Sc. (Dairying) Technology } 4½ years, Karnal.

B.Sc. (Dairying) Husbandry } 4½ years, Karnal.

Refresher Course (Dairy Engg.) 1 year, Karnal.

I. D. D. (Dairy Technology) 2 years, Karnal and Bangalore.

I. D. D. (Dairy Husbandry) 2 years, Karnal and Bangalore.

Short Course in Dairying 3 months, Bangalore.

### **National Dairy Research Institute, Bangalore.**

Offers 3 months Certificate Course and 2 years diploma Course to matriculates.



## (E) MISCELLANEOUS

### Soil Conservation

Soil Consecration Research Demonstrating and Trg. Centre, Ootacamund, Madras (6 months course for B.Sc. Agr./B.Sc.).  
Soil Conservation Demonstration Trg. Centre, Bellary imparts Certificate Course.

### Horticulture

Madras University has a diploma course for B.Sc. (Agri.) or B.Sc. (Hons.).  
Botany Apply Fruit Specialist, Lawley Road, Coimbatore.  
The Agriculture College and Research Institute, Coimbatore one year dip. course for F.Sc. Fees Rs. 10 to Rs. 16 P.M.

### Sericulture

Sericulture Trg. Institute, Behrampur, Murshidabad imparts one year course to B.Sc.  
Sericulture Trg. School, Channapatra (Bangalore Distt.) imparts certificate course.

### Tobacco Flue Curing

Botanical Substation, Pusa, New Delhi, has two months course.

#### Courses offered at the following Research Institutes

*The Indian Council of Agriculture Research, New Delhi* (all fields of Agriculture, Animal Husbandry, Forestry, Fisheries, Dairying etc.

*The Indian Agricultural Research Institute, New Delhi* (Agricultural Science).

*The Central Rice Research Institute, Orissa* (Agronomy, Mycology, Entomology, Botany, and Chemistry of rice).

*The Central Potato Research Institute, Poona* (Evolving improved varieties of potatoes)

*Laboratories*—The Potato Multiplication Sub-Division, Bhowali and The Potato Breeding Sub-station, Simla.

*The Central Vegetables Breeding Station, Kulu* (Adaptation of European Vegetables for Indian Climates and Soil conditions and investigation on self-fertilised seeds).

*The Sugarcane Research Institute, Lucknow.*

*The Indian Dairy Research Institute, Namkum, Ranchi.*

*Govt. Polytechnic, Peelamedu, Coimbatore* (Post Dip. Course).

Branches of Agriculture Engg. are :

- (i) Farm Power and machinery.
- (ii) Soil and Water Conservation.
- (iii) Rural Structure.
- (iv) Irrigation, drainage and land reclamation.
- (v) Rural Electrification.

*Prospects.* Asst. Agriculture Engineers (200-450), (200-750), (275 750) in National Extension Service, Community Development, River Valley Projects, Private Firms and Lecturership.

The Soil Conservation Society of India, Hazaribagh and the Agricultural Engineering Society, Allahabad admit members.

*Research in Agriculture.* The Indian Agricultural Research Institute, New Delhi (Pusa University) provides :

- (i) Two-year post-graduate Course in the basic agricultural Science.
- (ii) One year post-graduate Course in Specific Subjects.
- (ii) Short term and refresher courses and confers M.Sc. and Ph.D. degrees.

*Other Research Institutes* offering research facilities :

- (i) The Potato Research Institute at Poona.
- (ii) The Rice Research Institute at Cuttack.
- (iii) The Sugarcane Research Institute at Coimbatore.

Matriculates with Agricultural experience may be taken as Fieldmen in the Indian Central Coconut Committee Research Station, Kasargod.

*Agricultural Engineering.* Only four institutions in India confer a Bachelor's Degree in Agr. Engg.

- (i) The Agricultural Institute, Allahabad—B.Sc. (Agri.) for Int. (Agri.) 3 years course affiliated to Allahabad University.
- (ii) Birla Institute of Technology, Mesra (Ranchi) affiliated to Bihar University. Conducts 4 years course for Inter Science.
- (iii) Indian Institute of Technology, Kharagpur—4 years B. Tech. Degree in Agri. Engg. for Inter Science.
- (iv) Indian Agricultural Research Institute, New Delhi.



## (F) FISHERIES

Fishermen read up to Std. IV are eligible for six months training at Fisheries Training Centres, Satawti, Neendakara, Cochin, Tuticorin and Veraval.

Admission twice a year in April & October—Stipend Rs. 50. p.m. Three months training as Mechanic Drivers. Stipend Rs. 40 p.m. Marine Biological Research Station, Netaji Subash Road, Bombay admits in June research workers. Fees Rs. 150 per term. Pilot Deep Sea Station, Bombay—Candidates between 18-23 years preferably with qualifications in Engg. or Science are selected once in four years for this four years' course. Stipend Rs. 50 to 80 p.m.

Andhra Polytechnic, Kakinada, offers a three years Diploma Course to Matriculates.

Central Polytechnic, Madras, offers a three years Diploma Course to Matriculates.

Govt. Polytechnic, Kalamasseri, offers a three years Diploma Course to matriculates.

The Inland Fisheries Training Course at Central Inland Fisheries Research Station, Barrackpore (W.B.) offers Post-graduate Course of 10 months ; Fees Rs. 480/-.

Central Inland Fisheries Research Station, Barrackpore (W.B.) (Inland Fisheries one Year Training Course for B.Sc. (Zoology).

Training in Fishing Boat Construction at Training Centre, Cochin.

A four year training course for fishermen for a fishing mate's ticket at Deep Sea Fishing Station, Bombay.

Research facilities for candidates possessing an M.Sc. or B.Sc. (Hons.) degree in Zoology are available at the Marine Biological Research Station, Bombay, Taraporevala Aquarium, Marine Drive, Bombay. Scholarships of Rs. 200 p.m. for a period of 3 years. Applications to the Chief Research Officer, Central Fisheries Research Station.

Besides the posts of Subordinate personnels as mates, tindals drivers, mechanics etc., who are recruited by the State Fisheries Deptt., the posts of Research Assistants (Juniors Rs. 160—330 and Senior Rs. 250—500) Asst. Fisheries Extension Officers (Rs. 275—800) and Research Officers (Junior Rs 350—850 and Senior Rs. 600—1150) exist in fisheries deptt. There are other posts of Fishery Supervisors/Overseer and Fishery Officers also.

## (G) CAREERS IN FORESTRY

*Forest Guards*—Young men between 18 and 25 years with educational standard upto fourth standard are recruited by Divisional Forest Officer. Scales of Pay starting from Rs. 20 and 30 go upto Rs. 30 and Rs. 50 p.m.

*Foresters*—Matriculates between 18—25 years are recruited by Conservators of Forests. Starting from Rs. 30—45 go upto Rs. 60—80 p.m.

*Rangers*—Youngmen between 18—25 years who have passed Intermediate examination with science subjects are selected by Chief Conservator of Forests or State Public Service Commission. Scales of Pay Rs. 60 and Rs. 80 p.m. go up to Rs. 150 and Rs. 200 p.m.

Meritorious students get stipend Rs. 75 p.m. during full course.

*Agricultural Rangers*—Degree holders in Agriculture/Botany between 18 and 23 years are selected. During two years training at Dehra Dun or Coimbatore, they get stipend of Rs. 75 p.m. After training they are appointed as Senior Scientific Assistants (Rangers). They, however, give an undertaking that if required they will serve the Central Soil Conservation Board for at least 5 years. Applications in Mar/Apr. Advertisement appears in several papers.

*Forest Officers*—Young boys between 18 and 25 years who possess a Bachelor's or Master's Degree in natural science, mathematics, agriculture, geology etc., are selected through State Public Service Commission. Some students get stipends of Rs. 150 p.m.

*Specialised Gazetted Posts*—Botanists, Silviculturists, Entomologists possessing professional post-graduate degrees are selected through State Public Service Commission. Scale of Pay Rs. 300—350 to Rs. 1000—1200.

### Training

Indian Forest College, Dehra Dun (Dip. in Forestry) (A.I.F.C.)  
Northern Forest Rangers College, New Forest, Dehra Dun  
(2 years Rangers Course).

Southern Forest Rangers College, Coimbatore (i) Rangers Course  
(ii) Foresters Course.

Forest School, Balagoat (M.P.)



Extension Course in Forest Botany and Forest Entomology for 15 days for B.Sc. Botany/Zoology and Forest Research Institute, Dehra Dun.

*Seasoning & Preservation of Timber*—Forest Research Institute Dehra Dun offers six seats every year for one year diploma Course commencing on 1st Oct. for M.Sc. (Physics or Chem.) or B.E. (Chem. Mech. or Civil) or B.Sc. (Physics or Chemistry) with 2 years experience in the line. Fees Rs. 300 for the course.

Six seats every year for six months certificate course starting on 1st April for B.Sc. (Physics or Chemistry/or Dip. in Engg. or F.Sc. with at least one year's experience in the line. Fees Rs. 180 for the course.

## HIGHER STUDIES

### (A) INSTITUTES FOR HIGHER STUDIES IN MEDICINE

- R.G. Kar Medical College, Calcutta (D.G.O.; D.O.M.S.; D.A.R.)  
Institute of Post-Graduate Medical Education and Research,  
Calcutta (M.S.; M.D.M.O.; T.D.D.)  
S.V.S.P. General Hospital and C.M. Hospital Ahmedabad  
(M.S.; M.D.)  
S.N. Medical College Agra (M.D.; M.S.; D.C.W.; D.O.M.S.;  
D.M.R.E.)  
B. J. Medical College Asarwa, Ahmedabad (M.D.; M.S.; B.Sc.  
and M.Sc. (Med.); D.C.M.S.; D.M.R.E.; D.O.; D.A.; T.D.O.)  
L. M. College of Pharmacy Ahmedabad (M. Pharm.; Ph.D.)  
Dept. of Pharmaceutical Chemistry and Pharmacognosy Khalsa  
College Amritsar [M. Pharm (Pharmacognosy and Pharmaceuti-  
cal Chem.).]  
Deptt. of Pharmaceutics Medical College, Amritsar (M. Pharm.)  
Medical College, Amritsar (D.O.M.S.; D.T.D.) B.Sc. (Physiology  
and Anatomy), M.Sc. (Physiology)  
Institute of Post-Graduate Medical Education and Research,  
Chandigarh (M.S.; M.D.)  
All India Institute of Mental Health, Bangalore (D.M.P., D.P.M.).  
Topiwala National Medical College Bombay (B.Sc. and M.Sc.  
(Med.); M.D.; M.S.; D.P.M.; D.P.H.; D.A.; D.V.D.).  
Medical College, College Street Calcutta (D.O.M.S.; D.T.D.;  
D.G.O.).  
School of Tropical Medicine Calcutta (D.T.M.)  
Dufferin Hospital Calcutta (D.G.O.)  
Institute of Child Health, Dilkusha Street, Calcutta (D.C.H.).  
School of Anaesthesiology Lower Circular Road, Calcutta (Dip.  
in Anaesthesia) D. Phil. (Med.).  
Lady Hardinge Medical College, New Delhi (M.D.; M.S.; M.Sc.)  
(Anatomy; Pharmacology and Physiology).  
Vallabhbhai Patel Chest Institute, Delhi (D.T.D.)  
All India Institute of Medical Sciences Safdarjang, New Delhi  
(M.S.; M.D.; M.Sc.; Ph.D.).  
Gauntar Medical College, Gauntar (M.D.; M.S.; M.Sc.; Dip. in  
Medicine)  
G. R. Medical College Lashkar, Gwalior (M.D.; M.S.).



- Osmania Medical College, Hyderabad (M.D. ; M.S. ; D.O. ; D.G.O. ; D.C.H.)
- M.G.M. Medical College, In ore (M.D. ; M.S. ; D.C.H. ; D.T.D.O.)
- Sawai Man Singh Medical College Jaipur (M.D. ; M.S. ; M.Sc. (Med.) Ph.D. (Med.) Physiology, Biochemistry, Anatomy and Pathology).
- King George Medical College, Lucknow [Ph.D. (Med.) ; D.C.P. : D.G.O. ; D.L.O. ; D.M.R.E. ; D.O.M.S. ; D. Orth. Surgery ; D.L.P.].
- Madras Medical College, Park Town, Madras (M.Sc. ; M.S. : M.D. ; Ph.D.).
- Stanley Medical College Madras (M.D. ; M.S. ; M.Sc. (Anatomy) ; Ph.D. ; D G.O.).
- Medical College Nagpur [M.Sc. (Med.) ; M O.M.S. ; M.D. ; Ph.D. ; D.O.].
- King Institute Guindy Madras [Ph.D. (Bacteriology)].
- Patna Medical College, Patna (M.D. ; M.S. ; Ph.D. : M.Sc. Medical ; D.L.O. : D.C.H. ; T.D. ; D.O. ; Dip. in Chemical Pathology ; Dip. in Gyn. and Obs.).
- Armed Forces Medical College Poona (M.D. ; M.S. ; D.P.H. : D.C.P. ; Ph.D.).
- Christian Medical College Vellore (M.D. ; M.S. ; D.C.H. ; T.D.).
- Andhra Medical College Visakhapatnam (M.S. ; M.D. ; M.Sc. ; D.G.O. ; D.L.O. ; D.O. ; D.V.).
- Grant Medical College Bombay [B.Sc. (Med.) ; M D. ; M.S. ; D.P.H. ; D.A. V.D. and D. ; D.P.M. ; D.M.R.E. ; D.F M. ; B.Sc. (Anatomy and Animal Physiology) ; M.Sc. (Microbiology, Physiology and Biochemistry).

## (B) INSTITUTES FOR HIGHER STUDIES IN AGRICULTURE AND VET. SCIENCE

- Balwant Rajput College Agra (M.Sc. Agri.).  
B.A. College of Agriculture Anand (M.Sc. Agri. ; Ph.D.).  
Deptt. of Agriculture Annamalai University (M.Sc. Agri.).  
Post-Graduate Trg. Centre Agriculture College, Coimbatore (M.Sc. Agri. ; Ph.D.).  
College of Agriculture Dharwar (M.Sc. Agri. ; Ph.D.)  
Deptt. of Agricultural Botany and Anthropology, Gauhati University (M.Sc.).  
M.B. College of Agriculture Gwalior [M.Sc. (Agr.), Agri. Chem. ; Agri. Zoology ; Entomology and Plant Pathology].  
Institute of Plant Industry Indore (M.Sc. Agri. ; Ph.D.).  
College of Agriculture Osmania University Hyderabad (M.Sc. Agri.).  
Govt. Agriculture College Kanpur (M.Sc. ; Ph.D.).  
Agriculture College Jabalpur (M.Sc. Agri.).  
Govt. Agriculture College Ludhiana (M.Sc. Agri.).  
College of Agriculture Nagpur [M.Sc. (Agri.) Agri. ; Bot. ; Agri. Chem. ; Agri. Eco. ; Agri. Entomology ; Agri. Extension ; Agronomy ; Horticulture and Plant Pathology].  
College of Agriculture Poona (M.Sc. Agri.).  
B.A. Farm Rani P.O. Ranbirpura, Patiala (M.Sc. ; Ph.D.).  
Botanical Survey of India Western Circle Poona (M.Sc. ; Ph.D.).  
Bihar College of Agriculture Sabour Distt. Bhagalpur (M.Sc. Agri.).  
College of Agriculture Banaras University Varanasi (M.Sc. Agri. Ph.D. ; D.Sc.).  
Govt. Agriculture College Rewa (M.Sc. Agri.).

### Veterinary Science

- Indian Veterinary Research Institute Mukteshwar, Nainital (M.V.Sc.)  
Madras Veterinary College Vepery, Madras (M.V.Sc. ; Ph.D.).



## (C) INSTITUTES FOR HIGHER STUDIES IN TEACHERS TRAINING

- Teachers Trg. College Banaras Hindu University, Varanasi (M.Ed. ; Ph.D. ; D. Litt.).
- Women Trg. College Dayalbagh, Agra (M.Ed.).
- A.G. Teachers College, Ahmedabad (M.Ed. & Ph.D.).
- Deptt. of Education, Ahmedabad University (M.Ed. ; Ph.D. & D. Litt.).
- College of B.Ed. Muslim University, Aligarh (M.Ed. ; Ph.D.).
- Faculty of Education & Psychology, Baroda (M.Ed. ; Under-Graduate Dip. in teaching ; Post-Graduate Dip. in Guidance & Counselling).
- S.T. College, Belgaum (M.Ed.).
- Govt. Post-Graduate Basic Training College, Bhopal (M.Ed.).
- St. Xaviers Institute of Education, Bombay (M.Ed. ; Ph.D.).
- S.N.D.T. College for Women, Bombay (M.Ed.).
- Secondary Trg. College, Bombay (M.Ed. ; Ph.D.).
- Radhanath Trg. College, Cuttack (M.Ed.).
- Teachers Trg. Deptt. & Deptt. of Education, Calcutta (M.A. & M.Sc. in Edu.).
- Central Institute of Education, Delhi (M.Ed. & Ph.D.).
- Govt. Teachers Trg. College Dewas (Madhya Pradesh) (M.Ed.).
- Deptt. of Teachers Trg. & Education, Gauhati University (M.A. Edu.).
- Deptt. of Teachers Trg. in Method of English Teaching (Dip. T.T.).
- Deptt. of Education, Gorakhpur University (M.Ed.).
- University College of Education, Hyderabad (M.Ed.).
- Prantiya Shikshan Mahavidyalaya, Jabalpur (M.Ed.).
- Govt. Teachers Trg. College for Teachers, Jullundur (M.Ed.).
- Deptt. of Education, Kerala University (M.Ed.).
- Govt. Trg. College Khandura, M.P. (M.Ed.).
- Deptt. of Education, Lucknow University (M.Ed. ; Ph.D. D. Litt.).
- Deptt. of Psychology, Madras University (M.Ed. & Ph.D.).
- Lady Willingdon Trg. College Triplicane, Madras (M.Ed.).
- Mission Trg. College Royapettah, Madras (M.Ed.).
- St. Christophers Trg. College Vepery, Madras (M.Ed.).
- Teachers College Saidapet, Madras (M.Ed.).
- Teachers College, Mysore (M.Ed.).
- University Trg. College, Nagpur (M.Ed.).
- Patna Trg. College, Patna (M.Ed.).
- Tilak College of Education, Poona (M.Ed. ; Ph.D.).

Govt. Trg. College, Rajahmundry (M.Ed.).

Govt. Trg. College, Raipur (M.Ed.).

Govt. Teachers Trg. College, Rewa (M.Ed.).

Basic Teachers Trg. College, Gandhi Vidya Mandir, Sardar Shahr (M.Ed.)

Vidya Bhawan G.S. Teachers Training College, Udaipur (M.Ed. ; Ph.D.).

Post-Graduate Basic Trg. College, Ujjain (M.Ed.).

State College of Education, Patiala (M.Ed.).

Post-Graduate College of Education. Thycadu Trivandrum (M.Ed.).



## (D) INSTITUTES FOR HIGHER STUDIES IN ENGINEERING & TECHNOLOGY

- L.D. College of Engineering, Ahmedabad [M.E. (Elec.)].  
Faculty of Technical & Engineering, Baroda (M.E. Civil, Elec. & Mechanical; Ph.D.).  
Sri J.J. College of Architecture, Dada Bhai Naowroji Road, Bombay.  
Victoria Jubilee Technical Institute Matunga, Bombay [M.E. (Auto, Elec. & Mech.)] M. (Text); Diploma in Industrial Management).  
College of Textile Tech., Berhampore (Murshidabad) B.Sc. Tech.  
College of Leather Tech., Calcutta [B.Sc. (Tech.) Certificate in Tanning).  
University College of Technology, Calcutta (Diploma in Soap Tech.) M.Sc. (Tech.) (Radio Physics & Electronics, Applied Physics, Applied Chemistry) D. Phil., D.Sc.  
Punjab Engineering College, Chandigarh : M.Sc. (Highway Engg.).  
P.S.G. & Sons Charities College of Technology, Peelamedu. Coimbatore : M.Sc. (Elec. Mechanic Design) ; Ph.D.  
Bengal Engineering College, Botanic Gardens, Howrah (M.E.)  
Govt. College of Engineering, Jabalpur (M.E.).  
College of Engineering & Technical Jadavpur : M.E. (Elec. Mech., Chemi.).  
Indian Institute of Technology, Kharagpur.  
Deptt. of Technology (Dr. Alagappa Chettiar College of Tech.) Madras University. (M.Sc., Ph.D.)  
Laxminarayan Institute of Technology, Nagpur : M. Tech. (Chemical Engineering & Oil Technology).  
Birla College of Engineering, Pilani : M.E. (Electronics) M.Sc. (Tech.) Electronics.  
College of Engg., Poona : M.E. (Civ., Elec., Mech., Met. & Tele-Com.) M.Sc. (Hydraulics & Dam Engg.) Ph.D.  
Roorkee University Roorkee : M.E. (Dam Design, Highway Engg., Hydraulics & Irrigation Engg.; Photogrammetric Engg.; Public Health Engg.; Soil Mech. & Foundation Engg.; Structural Engg. including Concrete Technology, Electrical Mechanic Design, Applied Thermodynamics (Power Engg., Steam & I.C. Engines, Refrigeration & Air-conditioning, water resources development).  
College of Mining and Metallurgy, Varanasi, B.Sc. (Fuel Tech. M.Sc. (Engg.) (Met. & Mining) Ph.D. ; D.Sc.  
College of Tech. Varanasi (M.Sc. (Ceramics & glass) ; M.Sc. Tech. (Ind. Chem.) M. Pharm. Ph.D. ; D.Sc. Diploma in Soap.

Engineering College, Varanasi (M.Sc. Engg., Elec. Machine Design) Ph.D. ; D.Sc.

J.V.D. College of Science & Technology, Waltair : M.Sc. (Applied Physics, Geo. Phys., Mathematical Physics, Nuclear Physics, are Dressing & Stat.) M.Sc. (Analytic Chem.) M.Sc. (Applied Geology, Chemi. Tech., Chem. Engg., Electro Chem. Tech. & Sugar Tech.) D.Sc.



## (E) INSTITUTES FOR HIGHER STUDIES IN SOCIAL SCIENCE, LITERATURE AND SCIENCE

- Agra University Institute of Social Sciences, Agra : M.A. (Socio).  
K. M. Institute of Hindi Studies and Linguistics, Agra : M.A. (Linguistics).  
Deptt. of Arabic & Islamic Studies, Aligarh ; M.A. Ph.D. : D.Litt.  
Deptt. of Shia & Sunni Theology Islamic Studies, Aligarh : M.Th. ; D. Th.  
Deptt. of Social Sciences, Annamalai University.  
Faculty of Commerce, Baroda : (M. Com., Ph.D. ; Diploma in Cooperation ; Post-Graduate Dip. in Banking.)  
Oriental Institute, Shrimati Hansa Mehta Library Baroda (Ph.D.)  
Deptt. of Rural Economics & Cooperation TNJ College Bhagalpur (M.A.).  
R.L. Science Institute, Belgaum : M.Sc. (Radio Phys).  
University Deptt. of Economics Bombay. [M.Sc. (Agri. Economics) Ph.D. Diploma in Business Management.]  
University Deptt. of Sociology, Bombay (M.A. & Ph.D.).  
University Deptt. of Statistics, Bombay [M.A. (Stat.) M.Sc. (Stat.) Ph.D.].  
Sydenham College of Commerce & Economics, Backbay Reclamation B. Road, Bombay (M. Com., Ph.D.)  
University College of Arts, Calcutta.  
Delhi University, Deptt. of African Studies (M.A. in African Studies ; Ph.D. ; Certificate in Sawahali & Hinasa).  
Delhi University, Deptt. of Anthropology (M.Sc. ; Ph.D.).  
Delhi University, Deptt. of Russian, French, German & Italian (certificate in French, German, Italian, Russian) (Diploma in Russian Language and literature).  
Indian School of International Studies, Sarpu House, New Delhi (Ph.D.)  
S.B. Garda College & B.P. Baria Science Institute, Navsari : M.Sc. (Inorganic Chemistry & Microbiology & Ph.D.)  
Nagpur University Deptt. of Biochemistry (M.Sc., Ph.D.).  
Nagpur University Deptt. of Public Administration & Local Self-Government M.A. (Public Administration) Ph.D. ; Diploma Local Self-Govt. (L.S.G.D.).  
Patna University, Deptt. of Labour & Social Welfare (M.A.).  
Poona University, Deptt. of Experimental Psychology (M.A. ; Ph.D.).  
Deptt. of Anthropology Ranchi College, Ranchi (M.A.).  
College of Indology, Banaras Hindu University, Varanasi (Indian Phil., Religion & Culture).

## (F) MISCELLANEOUS

Faculty of Fine Arts, Baroda.

Faculty of Home Science, Baroda [(B.Sc. ; M.Sc. (*Hons.*)).

Faculty of Social Work Baroda (M.S.W.).

Foreign Languages Classes, University Building, Cuttack  
(Diploma in Fr., Ger & Spanish) Cert. in Fr. & German).

Delhi School of Social Work, Delhi-M.A. (Social Work).

Lady Irwin College, New Delhi, B.Sc. (Home Science), M.Sc.  
(Nutrition).

Jiwaji Industrial Research Laboratory, Gwalior (Ph.D.).

University College of Science Hyderabad-M.Tech. & Ph.D.

Evening College of Arts & Commerce Hyderabad : Diploma in  
Proficiency in Public Administration ; (Diploma in Fr., Ger.,  
Italian).

Alagappa College of Physical Education, Karaikudi (Dip. in  
Phy. Ed.).

YMCA College of Physical Education, Saidapeth Madras  
Diploma in Phy. Ed.).

Deptt. of Business Management, Madras University (Dip. in B.M.)

Deptt. of Indian Music (M.Litt, Ph D.).

Deptt. of International & Constitutional Law Madras Uni. (M.L.).

Deptt. of Politics & Public Administration, Madras University-  
Dip. in Politics & Public Administration.

Stella Marris College for Women Mylapore, Madras : M.A.  
(Indian Music).

Women's Christian College, Cathedral, Madras : M.Sc. (Institution  
Management & Nutrition).

Govt. College of Physical Education, Patiala (Course D.P.E.)

Patna University Deptt. of Political Science (Diploma in Interna-  
tional Relations & Public Administration).

Patna University, Institute of Public Administration (Research  
work on special problems).

Sir Kikabhi Prem Chand College of Commerce, Surat (M. Com.,  
Ph.D.).

College of Music & Fine Arts, Varanasi (Diploma in Music,  
Painting & Sculpture) ; B. Mus M., Mus. & D. Music).

College of Science, Varanasi (Diploma in Spectros).



**RESEARCH INSTITUTES**

**(A) RESEARCH INSTITUTES IN AGRICULTURE**

- Institute of Plant Industry, Indore.  
Botanical Survey of India, Western Circle, Poona.  
Central Food Tech. Res. Institute, Mysore (M.Sc. ; Ph.D.).  
Central Potato Research Institute, Simla (M.Sc. Bot. Chem.  
Cytogenetics, Plant Pathology and Plant Physiology & Ph.D.).  
Farm and Dairy of Khalsa College, Amritsar (M.Sc. & Ph.D.).  
Forest Research Institute and College, Dehra Dun (M.Sc. & Ph.D.).  
Fuel Research Institute Jealgora, Manbhum.  
Govt. Agri. College and Research Institute, Agriculture University Ludhiana (M.Sc., Ph.D.).  
Govt. Agri. Farm Jullundur (M.Sc., Ph.D.).  
Govt. Agri. Farm Rohtak (M.Sc., Ph.D.).  
Govt. Agri. Station Gurdaspur (M.Sc., Ph.D.).  
Govt. Agri. Station Hansi (M.Sc., Ph.D.).  
Govt. Fruit Research Station Bahadurgarh (M.Sc., Ph.D.).  
Govt. Fruit Research Station Kandaghat (M.Sc. Ph.D.).  
Govt. Horticulture Res. Institute Saharanpur (M.Sc. Ph.D.).  
Govt. Model Agri. Farm Faridkot (M.Sc., Ph.D.).  
Indian Agri. Research Institute, New Delhi (M.Sc.) (Agri. Bot.  
Agri. Chem. Agri. Engg. Agronomy, Entomology Horticulture,  
Mycology & Plant Pathology & Soil Science & Ph.D.).  
Irrigation & Power Res. Instt. Amritsar (M.Sc. & Ph.D.).  
Pinjore Gardens, Pinjore Kalka.  
The Economic Botanist (Millets), Punjab, Ferozepur Cantt.  
(M.Sc., Ph.D.).  
The Fodder Res. Station Sirsa, (Hissar) (M.Sc., Ph.D.).  
The Sugarcane Res. Station Jullundur (M.Sc., Ph.D.).  
Central Tobacco Research Instt. Rajahmundry.  
Agri. Res. Station P.O. Sabour Distt. Bhagalpur.  
Central Sugarcane Res. Stn. Pusa, New Delhi.  
Central Food Lab. 3 Kyel Street, Calcutta.  
Govt. Silk Institute, Bhagalpur.  
Central Salt Res. Instt. Bhavnagar.  
Deep Sea Fishing Stn. Botawala Chambers, Sir Pherozezshah  
Road, Bombay.  
Indian Vet. Res. Instt. Izatnagar (M.Sc. Ph.D.).

Soil Conservation Res. Demonstration & Training Centre, Vasad (W. Rly.).

Institute of Agri. Res. Statistics, Library Avenue, New Delhi.

Central Coconut Research Stn. Kayangulam, Ochira.

Central Coconut Research Stn, P.O. Kasaragod, South Kanara.

Central Marine Fisheries Res. Stn. Mandapam Camp.

Sugarcane Breeding Instt. Coimbatore.

Forest Res. Lab., Malleswaram, Bangalore.

National Dairy Research Institute, Bangalore.

National Dairy Research Institute, Karnal.

Central Rice Research Institute, Cuttack.

Central Veg. Breeding Stn. Kulu.

Allahabad Agri. Instt. Naini, Allahabad.

Birbal Sahni Instt. of Palaeobotany, Lucknow.

Central Botanical Lab. Chetham Lines, Allahabad.

Deep Water Paddy Res. Sub. Stn. Bansdih, Ballia.

Grain Storage Res. Instt. Hapur.

Indian Institute of Sugarcane Res. Lucknow.

Indian Vet. Res. Instt. Mukteshwar.

National Botanical Gardens, Lucknow.

National Sugar Institute, Kanpur.

Soil Conservation Centre, Agra.

Sheila Dhar Instt. of Soil Science, Allahabad.

Sericulture Centre Premnagar, Dehra Dun.

Rice Res. Station, Nangia Distt. Bijnor.

Rice Sub. Station, Gorakhpur.

Rice Sub. Station, Ballia.

Rice Sub-Station, Nainital.

Sugarcane Res. Stn. Shahjahanpur.

Vet. Res. Instt. Mathura.

Botanical Survey of India, Royal Bot. Gardens, Howrah.

Central Inland Fisheries Res. Station, Calcutta.

Central Livestock Res. Breeding Stn. Haringhata (Nadia).

Central Sericulture Res. Stn. Berhampore (Murshidabad).

Geological Survey of India, 27, Chowringhee Road, Calcutta.

Jute Agri. Res. Instt. Barrackpore.

Jute Technological Res. Laboratories, Tollygange, Calcutta.

River Res. Institute, 11-A, Free School Street, Calcutta.

Zoological Survey of India, 34 Chittaranjan Avenue, Calcutta.

Indian Veterinary Research Institute, Mukteshwar (U.P.).

(Also Research in Vaccine & Biological Products).

Indian Veterinary Research Institute, Izatnagar, (U.P.).

(Research in manufacture of Sera Vaccines).

Agriculture University, Phoolbagh, Rudrapur, Nainital (U.P.),

U.P. College of Vet. Science & Animal Husbandry, Mathura (U.P.).

The Govt. Livestock Farm, Hissar (Post-Graduate Dip.).



## (B) RESEARCH INSTITUTES IN SCIENCE

- Central Electro Chemical Research Institute, Allagappa College,  
P.O. Karai Kudi.
- Pasteur Institute of Southern India, Coonoor.
- Indian Institute of Science, Bangalore (M.Sc., Ph.D.).
- Raman Res. Institute (Indian Academy of Sciences) Hebbal  
Academy Post, Bangalore.
- Goedic & Research Branch, Survey of India, Dehra Dun.
- J.K. Institute of Applied Physics, Allahabad.
- P.W.D. Research Laboratory, Lucknow.
- Bose Institute 93/1, Upper Circular Road, Calcutta.
- Institute of Nuclear Physics 92, Upper Circular Road, Calcutta.
- Atomic Energy Establishment Trombay, Bombay—M.Sc. (Bio-  
chem, Bot, Chem, Chemical Engineering, Physics & Zoology)  
& Ph.D.
- Bombay Natural History Society, Bombay—M.Sc. (Zoology).
- Haffine Institute Parel Bombay—M.Sc. (Biochemistry, Chemistry,  
Microbiology & Zo.) M.Sc. (Med) & Ph.D.
- Indian Cancer Research Centre, Bombay—M.Sc. (Biochemistry,  
Microbiology, Org. Chem., Phy. Zo.) & Ph.D.
- Naval Chemical Metallurgical Lab. Naval Dock Yard, Bombay—  
M.Sc. (Chem., Chemic-Tech).
- Taraporawala Marine Biological Res. Stn. Bombay—M.Sc. Ph.D.,  
(Zo.) & Metallurgy.
- Tata Institute of Fundamental Res. Appollopur Road, Bombay  
M.A. (Math.) M.Sc. (Math. & Phy.) & Ph.D.
- Ahmedabad Textile Industry's Research Association, Navrang-  
pura, Ahmedabad—M.Sc. (Physics) Ph.D.
- Physical Research Lab. Navrangpura, Ahmedabad—M.Sc. (Phy-  
sics), Ph.D.
- Research Institute, Trivandrum—M.Sc. (Applied Chem., Geology,  
Marine Biology, Oceanography, Pure Chemistry & Statistics)  
& Ph.D.
- Regional Research Lab., Hyderabad (Ph.D.).
- Maharashtra Association for the Cultivation of Science, Poona  
(M.Sc. Ph.D.)
- Astrophysical Observatory (Indian Meteorological Deptt.) Kodai  
Kanal (M.Sc., Ph.D.).
- Bengal Research Institute, 39 Lower Circular Road, Calcutta  
(M.Sc. Ph.D.)
- Central Road Research Institute, New Delhi (M.Sc., Ph.D.).
- Central Water and Power Research Institute, Poona (M.Sc.,  
Ph.D.).

Geological Survey of India, Calcutta (M.Sc., Ph.D).

Indian Association for the Cultivation of Science, Jadavpur  
(M.Sc., Ph.D).

Indian Meteorological Deptt., New Delhi.

Research Observatory, Gulmarg.

U.P. State Observatory, Nainital.

Indian Lac Research Institute, Ranchi (M.Sc., Ph.D.).

National Chemical Lab., Poona (M.Sc., Ph.D).

National Metallurgical Lab., Jamshedpur.

National Physical Lab., New Delhi.

National Research Lab., Hyderabad.

Toklai Exp. Station, P.O. Cinnamara.

Institute of Psychological Res. & Science, Patna.

Pasteur Institute, Ranchi.



## (C) RESEARCH INSTITUTES IN ENGINEERING & TECHNOLOGY

- Central Building Research Institute, Roorkee (M.Sc., Ph.D).
- Central Electro Chemical Res. Instt. Karai Kudi (M.Sc., Ph.D).
- Indian Institute of Technology, Kharagpur.
- Nautical and Engineering College, Azad Maidan, Bombay.
- Central Electronics Engineering Res. Instt., Pilani.
- Technological Lab., Indian Central Cotton Committee, Adenwala Road, Matunga, Bombay—M.Sc. (Physics Textiles).
- Central Leather Research Institute, Madras (M.Sc., Ph.D).
- Indian School of Mines & Applied Geology, Dhanbad.
- Demographic Training and Research Centre, Devnar, Chembur, Bombay.
- School of Town and Country Planning, New Delhi.
- Harcourt Butler Technical Research Institute, Kanpur.
- Central Glass & Ceramic Res. Instt., P.O. Jadavpur University, Calcutta.
- Railway Testing and Research Centre, Alambagh, Lucknow.

## (D) RESEARCH INSTITUTES IN HUMANITIES

- Shri Forbes Gujarati Sabha, 365 Vithalbhai Patel Road, Bombay.
- Shri G. K. Institute of Rural Education, Gargoti (Distt. Kolhapur) (M.Ed., Ph.D.).
- Tata Institute of Social Sciences, Chembur, Bombay.
- Vaidika Samsodhana Mandal (Vedic Res. Instt.) Tilak Memorial, Poona.
- Deptt. of Archaeology, New Delhi.
- Indian School of Public Administration, Indraprastha Estate, New Delhi.
- National Archives of India, New Delhi.
- Scindia Oriental Institute, Ujjain.
- Kuppuswami Sastri Res. Inst., Mylapore, Madras.
- Karnatak Historical Society, Dharwar.
- Oriental Res. Institute, Mysore.
- Vachana Mantapa (Kannada Res. Institute), Belgaum.
- French Institute, Pondicherry.
- Sahitya Sansthan Rajasthan Vidya Peeth, Udaipur.
- Bureau of Psychology, Allahabad.
- Ganga Nath Jha Res. Institute, Allahabad.
- Government Central Pedagogical Research Institute, Allahabad.
- Bengiya Sahitya Parishad 243/1 Upper Circular Road, Calcutta.
- Deptt. of Anthropology Indian Museum, 27 Chowringhee Road, Calcutta.
- The Asiatic Society, 1, Park Street, Calcutta.
- Bhandarkar Oriental Research Institute, P.O. Deccan Gymkhana, Poona.
- Institute of Post Graduate Studies & Research in Arabic & Persian Learning and Training in Modern Persian and Arabic, Patna (P.O. Mahendru)—Ph.D.
- Institute of Post Graduate Studies & Research in Prakrit Jainology & Ahimsa, Muzzafarpur.
- Mithila Post Graduate Studies & Research in Sanskrit Learning, Darbhanga [M.A. (Skt.) Ph.D., D.Litt.].
- Nava Nalanda Mahavihara, Nalanda (Patna) M.A. (Pali).
- Anjuman Islam Urdu Res. Institute, Dadabhai Naoroji Road, Bombay [M.A. (Urdu) Ph.D.].
- Anthropological Society of Bombay c/o K. R. Cama Oriental Institute 136 Appolo Street, Bombay.
- Bhandarkar Oriental Research Institute, Poona.
- Bharata Itihasa Samshodhaka Mandala, Sada Shiv-Peth, Poona.
- Sri Venkateswara University Oriental Research Institute, Tirupati.



- Deptt. of Historical & Antiquarian Studies, Gauhati.  
 Hindi Vidya Pith, Deoghar.  
 K. P. Jayswal Research Institute, Patna.  
 Mandir Vidyapeth Bhagalpur.  
 Rural Institute for Higher Studies, Sunder Nagar, Birauli,  
 Darbhanga.  
 B. J. Institute of Learning & Research Bhudra, Ahmedabad.  
 Dharma Kosha Mandal (Vedic Research Institute) C/o Pranaj  
 Pathshala, Wai, Distt. North Satara.  
 Gokhale Institute of Politics & Economics, Poona.  
 Rajwade Samshodhan Mandal Dhulia.  
 Indian Institute of Philosophy, Amalner (East Khandesh).  
 Maharani Vijayamala Chhatrajati Grahini Mahavidyalaya, Old  
 Palace, Kohlapur.  
 Nirmala Niketan for home Science, New Marine Lines, Bombay.  
 Kala Kendra Bhagalpur (Dip. in Nritya, Sangeet & Silpa).  
 Vaishali Instt. Muzaffarpur (M.A. Ph D. D.Litt.).  
 Bharatiya Vidya Bhawan Chowpathy, Bombay. M.A. (Ancient  
 Indian Culture, Guj. Literature & Skt.) Ph.D.  
 Indian Institute of Education, Junah Hall, First Floor, Congress  
 House, Girgaum, Bombay (M.Ed. Ph.D.).  
 Marathi Sanshodhan Mandal, Marathi Post Graduate & Res.  
 Institute, Mumbai, Marathi, Granthsang Rahalaya Thakurdwar  
 Bombay (Ph D.).  
 Psychological Res. Instt. Khar, Bombay (M.Ed. Ph.D.)  
 Tata Institute of Social Sciences, Cheubir, Bombay (Ph.D.).  
 All India Institute of Social Welfare & Business Management  
 College Square Calcutta-Dip. in Social Work (Labour Welfare  
 & Business Management).  
 Sankar Mitter Kirtan Sikshyalaya, Calcutta (Special Test for  
 Admission to B. Music Course).  
 Indian School of International Studies, Sapru House, New Delhi  
 (Ph.D.).  
 B.M. Institute of Psychology & Child Development, Town Hall,  
 Ellis Bridge, Ahmedabad (Ph.D.).  
 Seth Bhola Bhai Jeshing Bhai Institute of Learning & Research,  
 Bhadra, Ahmedabad-M.A. (Ancient Indian Culture, Persian &  
 Skt.) Ph.D.  
 Kannada Research Institute, Dharwar-M.A. (Anct. Ind. His. &  
 Culture, Archaeology, Epigraphy, Kannada Linguistics &  
 Sociology) & Ph.D.  
 Institute of Public Administration, Patna University (Open for  
 Research work on Special Problems).  
 Deccan College of Post Graduate & Res. Institute, Poona (Ph.D.)  
 Indian Statistical Institute, Calcutta.  
 Vishveshvaranand Vedic Research Institute, Hoshiarpur  
 (M.Sc. Ph.D.).

## (E) RESEARCH INSTITUTES IN MEDICINE

- Institute of Post Graduate Medical Education & Res. 244, Lower Circular Rd. Calcutta (D. Phil. & Med. in Pathology).  
All India Institute of Mental Health, Bangalore (D.M.P. & D.P.M.).  
Central Drug Res. Instt. Lucknow (M.Sc. ; Ph.D.).  
Central Res. Instt. Kasauli (M.Sc. ; Ph.D.).  
Malaria Institute of India, 22 Alipur Road, Delhi (M.Sc. ; Ph.D.).  
All India Institute of Medical Sciences, New Delhi.  
Govt. Ayurvedic & Unani Hospitals Charminar, Hyderabad.  
Pasteur Instt. & Medical Research Institute, Shillong.  
Family Planning Training & Research Centre, Bombay.  
Pathological Lab. Mherwan Bldg., Sir Pheroze Shah Road, Bombay.  
Post Graduate Training Centre in Ayurveda, Jamnagar.  
Central Leprosy Teaching & Res. Instt. Tirunani, Chingleput.  
All India Instt. of Mental Health, Bangalore.  
All India Institute of Hygiene and Public Health, Calcutta.  
Central Drugs Lab. 3 Kyd. Street, Calcutta.  
The Vallabhbhai Patel Chest Institute, Delhi (Research in chest diseases) Dip. in Tuberculosis Diseases.  
Indian Institute of Biochemistry and Experimental Medicine, P-27 Prince Street, Calcutta.  
Institute of Post Graduate Medical and Research, Chandigarh (M.D. & M.S.).



## **(F) INDUSTRIAL RESEARCH INSTITUTES**

Ahmedabad Textile Industry's Research Association, Naurangpura, Ahmedabad.

Shri Ram Institute of Industries Res. 19, University Road, Delhi.  
Regional Res. Lab. Jammu.

Jiwaji Industrial Res. Lab. Tansai Rd. Gwalior.

Paper Pulp Industries Centre, Kalpi.

Ionospheric Res. Station, Haringhata (Nadia).

Govt. Central Weaving Instt., Varanasi.

Govt. Textile Institute, Kanpur.

## Chapter Seven

### TECHNICAL TRAINING FACILITIES IN INDIA & ABROAD

#### National Apprenticeship Scheme

Under the Directorate of Training, Directorate General of Employment and Training, Ministry of Labour and Employment, Training Centres for Craft Instructors known as Central Training Institutes are set up at Calcutta, Kanpur, Madras, Ludhiana, Hyderabad, Bombay, and a Central Trg. Institute for Women Craft Instructors at New Delhi.

Training Course is for 9 months.

National Council for Training in Vocational Trades issues National Trade Certificates to bring in uniformity in the whole country.

*Qualifications*—Middle preferably Matriculate between 16 and 25 years of age for Draughtsman (Civil and Mechanical), Surveyor, Mechanic (Instrument, Radio, Refrigerator), Electrician, Toolmaker, Wireless Operator and Die fitter.

*Fees*—The Training in Industrial Training Institutes is entirely free. Uniform, tools, stationery and medical assistance is also free. One-third of trainees get Rs. 25 p.m. as stipend. Under National Apprenticeship Scheme each candidate who is admitted as apprentice is awarded a stipend of Rs. 40 p.m. and training is given in factories and industries.

The employed workers with minimum experience of three years are admitted in evening classes on a fee of Rs. 2 p.m.

Training is imparted in the engg. trades and non-engg. trades. Recruitment to engg. trades every nine months and to non-engg. trades once a year.

#### Training Scheme

Craftsman Training Scheme in Industrial Trg. Institutions in 29 engg. trades for two years and 22 non-engg. trades for one year. Training is free and one-third of trainees get stipend of Rs. 25 p.m.



National Apprenticeship Scheme—Training for various trades for 2 to 4 years in industries and factories.

Evening classes for Industrial Workers—Thrice a week for two hours. Fee Rs. 2 p.m.

Training for Instructors—Nine months Course at four training Institutions—Calcutta, Kanpur, Aundh (Poona) to be shifted to Bombay, and New Delhi (for women only). Three more Centres are set up at Madras, Hyderabad and Ludhiana.

### Apprenticeship Training Schemes

#### Apprentices

*The Central Railway Service Commission* recruits matriculates (with Physics, Chemistry and Maths) between 16—19 years for 5 years training as Apprentice Mechanics; between 16—20 for two years training as Firemen Apprenties, between 17—19 for apprentice Assistant Train Examiners.

The Southern Railways & other state railways offer 3 year trg. to take in Rly. Service as Laboratory Assistants.

*The Indian Posts and Telegraphs* recruit through the District Telephone Officers apprentices between 18—23 years.

*Tata Iron and Steel Company Ltd.* recruit candidates between 15—18 years for two years training at Technical Institute, Jamshedpur as trade apprentices. Maintenance allowance is given.

*EME Workshop at Kakinara, Delhi Cantt., Jabalpur, Allahabad, Kirkee and Bangalore* recruit through a competitive exam. matriculates between 15—17 years for 4 years training for civilian apprentices in Electrical and Mechanical Engg. Apprenticeships.

*State Training Workshop, Dapodi, Poona* offers 2 years certificate Workshop Apprentice Course.

*V.J. Technical Institute, Bombay* offers 2 years Engg. Apprenticeship.

*Mysore Iron and Steel Works, Bhadravathi* takes apprentices for 2 years Certificate Course in Mechanical Engg. Training is held at Silver Jubilee Technical School, Bhadravathi.

#### Training

Assistant Works Manager in *Ordnance Factories* below 25 through U.P.S.C. (3 years training in Armaments Production, Factory Management, Administration, Labour Control.)

*Dept. of Agriculture, Mysore* has scheme for Agriculture extension work at training-cum-development Project at Visveswarayya Canal

**Farm.** Mandya, Mysore. 6 months Trg. for candidates with some Agricultural Education.

*Lever Brothers (India) Ltd.* Management Training Scheme. Brilliant young men between 21—25 years preferably unmarried ; overseas training for six months.

*Indian Oxygen and Acetylene Company Ltd.* Sales Apprentice Recruitment Scheme for B.Sc./Dip. or Degree in Engg. below 25.

*Ministry of Industries and Commerce, New Delhi.* Training in the workshop in U.K.

*Posts and Telegraphs Department.* Training Scheme for practical training in Electrical Installation.

### **Diesel Engines Training**

*The following Danish and Belgian firms manufacturing Diesel Engines provide training.*

Herman Svendsen, Vestor Voldgade, 14, Copenhagen.

S. A. John Cockerill, Serding, Belgium.

Industir Eksport, Selskabet Balticum, Copenhagen.

Anglo Belgian Co., 39, Grand, Belgium.

### **Locomotive Engg.**

Tata Locomotive and Engg. Co., Tatanagar, Bihar.

Chittaranjan Locomotive Works, Bengal.

The Director British Locomotive Manufacturers Association of Great Britain arranges 1 to 1½ years trg. in U.K. for graduates in Mech. Engg. with 2-3 years experience in Railway.

*The Metropolitan Vickers Electrical Company U.K.* gives 2 years. trg. to candidates with Hons. Degree in Engg.

*The Brush A.B.O.E. Technical Trg.* The Brush—A.B.O.E. Loughborough, Lecestershire, U.K. invite engineering graduates from all over Commonwealth for 2 years trg. (study of the products and methods of production). Free return passage plus travelling expenses and wages of apprentices during training.

*Central Electricity Board, Trafalgar Bldgs., Charing Cross London, S.W.A.* have 6 months to 2 years training scheme for engineering graduates. Apply Manager.

*Training in Automatic Telephone in U.K.* Five leading telephone manufacturers in U.K. offer a year's training to engineering graduates. Apply Export Manager, Automatic Telephone and Electric Co. Ltd., Norfolk House, London W.C. 2.

*Comptroller and Auditor General of India, 3 Mansingh Road, New Delhi* invites applications from Chartered Accountants and Commerce



Graduates for Subordinate Audit Service apprentices in the Indian Audit Service.

*Technical Apprentice at Forest Research Institute, Dehra Dun* 3 to 6 months training for graduates in Science/Chemistry/Engg.

*Damodar Valley Corporation Anderson House, Alipore Calcutta-27* has training scheme for engineering graduates. Apply Regional Office, Ministry of Education, G.O.I. 5, Esplanade St. Calcutta.

*Tata Iron & Steel Company* has training scheme for graduates in Engg. or Metallurgy below 24 at Jamshedpur Technical Institute, Jamshedpur.

*Tractor Training Course at Harry Ferguson of India Ltd. Bangalore* 8 weeks training.

*Films Division, Govt. of India*, has training scheme for graduates in Physics with diploma in Cinematography. Apply Chief Producer, Films Division, G.O.I., 24 Peddar Road, Bombay-6.

*International Labour Office* have a Technical Assistance Project for personnels from factories. Register with Chief Adviser Factories, Ministry of Labour, G.O.I.

*The Indian Cable Company, Tatanagar* offers training to graduates in Engg. or Chemistry. Apply Works Manager.

*Oil and Natural Gas Commission* has one year apprenticeship course of Drilling Assistants. Stipend of Rs. 150/- p.m. during training. They have one year Technicians' Trg. (Refreshers' course) at the Technical Trg. Inst., Cambay.

*Neyyveli Lignite Corporation Ltd.* Candidates possessing a polytechnic Diploma or Industrial School Certificate are admitted for one year apprentice trg. to fill in intermediate grade supervisory posts and posts of artisans. Trg. at Neyveli S. Arcot (Madras) starting in July/August every year. During training artisans will get Rs. 2.62 per day and supervisory grade Rs. 75 p.m.

(ii) *Special Grade Apprentices.* Students of the final year of the engineering degree course are selected for six months training beginning from May every year. During training they are paid Rs. 200 p.m. plus D.A. etc. After training they are appointed as section officers.

(iii) Diploma holders in Mech./Auto. Engg. get Rs. 124 p.m. during one year training as Driller.

### Calcutta Tramways Company Ltd., Calcutta

*'A' Class Course :* Candidates nominated by engineering colleges are imparted 6 months to one year course at Nonapukar Workshop, 183, Lower Circular Road, Calcutta, who are awarded degree or diploma. Stipend of Rs. 22 p.m. is given during training.

*'B' Class Course :* 5 years dip. course to I.Sc. at the above workshop. Course commences in July. Stipend of Rs. 22, 25, 29, 33 and 36 p.m. is given in 1st to 5th year respectively.

*'C' Class Course :* 5 years certificate course in Trade. Stipend Rs. 22-2-30. p.m.

#### **Associated Electrical Industries Mfg. Co. Private Ltd., Calcutta]**

*School Apprenticeship :* A 4-year apprenticeship certificate course starting in June/July. Stipend Rs. 55, 65, 80 and 100 p.m. during 1st, 2nd, 3rd and 4th year.

*Graduate Apprenticeship :* 2 years course starting in Oct./Nov. Stipend Rs. 142 and Rs. 158 p.m. during first and second year of training.

#### **The Britannia Engineering Co. Ltd., Calcutta**

*Graduate Engineers Training Scheme :* 2-year course starting in July. First Class Graduates get Rs. 400 and Rs. 450 p.m. for the 1st and 2nd year of training and second class graduates Rs. 250 and Rs. 400 p.m.

*Inspectors Training Scheme ,* I.Sc. is eligible for a one-year training. Stipend Rs. 65 p.m. and Rs. 75 to B.Sc.

#### **Braithwaite and Co. (India) Ltd., Calcutta**

*Engineering Apprenticeship Scheme :* Matriculates or I.Sc.s. are selected for a four-year course leading to diploma or National Certificate. Stipend of Rs. 110 p.m. to matriculates and Rs. 120 to Rs. 140 p.m. to Intermediates.

#### **Tractors (India) Limited, Calcutta**

*Tractor Apprentice :* 3 years course extendable for another 2 years starting in July. Stipend Rs. 70-15-100 p.m.

#### **Guest, Keen, Williams Limited, Calcutta**

Two to five years Dip /Cert. Courses in (1) Operator Training (2) Trade Apprenticeship (3) Engineering Apprenticeship (4) Engineer Trainee Scheme. Courses start in July. Stipends of (i) Rs. 75 p.m. (ii) Rs. 75-80 p.m. (3) Rs. 80-90 p.m. and (4) Rs. 300-350 p.m.

#### **Indian Iron and Steel Co. Ltd., Calcutta**

*Operatives Training Scheme :* Matriculates between 17 and 20 years are given 4-year training starting in Apr/May. Stipends of



Rs. 40—45—50—60 in addition to hostel and medical facilities and uniforms.

*Supervisors Training Scheme* : Unmarried Science graduates and diploma holders in engineering or metallurgy between 20 and 23 years are selected for a 3 years training course for junior supervisory posts. Course starts in Mar./Apr. Stipends Rs. 100—25—150 p.m. in addition to free uniform, hostel and medical facilities.

**Engineering Association of India, India Exchange Place,  
Calcutta-1.**

*M/s. Britannia Engg. Co., Titanagar* impart 3 years apprenticeship certificate course in trades. Stipend of Rs. 40 p.m.

*M/s. Akock, Ashdown and Co. Ltd., Bombay* impart Engineer Apprenticeship to matriculates between 15 and 21 years. Course lasts 5 years starting 1st Jan. and 1st July every year.

**M/s. Hindustan Motors Ltd., Calcutta**

Hindustan Motors Ltd., Uttarpara recruit engineering graduates for apprenticeship and engineering students also during their vacations. Facilities of practical training are provided to students of Elect./Mech. Engg. for a National Cert./Dip. Course.

*Operative Apprentices* : Machine-shop-operators are recruited for training. Stipend Re. 1 per day.

**The Jamshedpur Technical Institute of Tata Iron and Steel  
Co., Ltd.**

*Graduate Engineering Training*. 2 years diploma course in advance Mech./Elect./Metall. Engg. Stipend Rs. 300—50—350.

*Mason Training*. 2 year cert. course. Stipend Rs. 2.25 to Rs. 3 per day.

*Bench Fitter* : One year course for Scheduled Castes. Stipend Rs. 2.25 per day.

*Technical Probationers*. 5-years certificate course. Stipend Rs. 7.25 to 8.37 per day.

*Artisan Trainees* : 2 years certificate course. Stipend Rs. 2.25 to Rs. 3 per day.

*Orientation Training* : 6 weeks training to trainees of Hindustan Steel prior to their departure abroad.

*Vacation Training*. During College Vacations, training to engineering students up to 6 months.

### **M/s. Kirloskar Oil Engines Ltd., Satara**

Candidates sponsored by Industrial Training Institutes receive six months in plant training. Stipend Rs. 2 37 per day. Candidates sponsored by Cottage Industries get 9 months in plant training. They receive stipends from State Govts. *Matriculates* are selected for one year training. Stipend Rs. 7.37 per day.

*Graduates and Diploma holders in Mech. Engg.* receive one year training Rs. 250 p.m. and Rs. 150/- p.m. respectively. *Graduates in Science* receive 2½ years training. Stipend Rs. 125 to 150 p.m.

### **M/s. Voltas Ltd., Bombay**

Graduates and Diploma holders in Engg. receive one year training. Stipend Rs. 150 and Rs. 100 p.m. respectively. Candidates sponsored by Hindustan Steel (P) Ltd. get Rs. 70 p.m. as stipend.

Degree/Diploma holders in Engg. get 3 years training in Air-conditioning and Refrigeration, Agriculture, Construction equipment etc. Stipend Rs. 200—25—250 p.m.

3 years apprenticeship training as mechanics and servicemen is available. Stipend Rs. 1.50, 2.00 and 2.50 per day in the 1st, 2nd and 3rd year. 6 months craftsman training for students of N. Wadia College, Poona and I.T.I., Poona. Stipend 1.50 per day.

National Diploma holder in commerce can undergo 1 year apprenticeship training. Stipend Rs. 75 p.m.

*Unpaid Apprenticeship*—Post-graduate from the University of Roorkee can undergo 1 year apprenticeship.

### **The Hyderabad Allwyn Metal Works Ltd., Hyderabad**

Graduate engineers and Diploma holders get one to two years apprenticeship training and then absorbed. They get stipend during training.

Matriculates and non-matriculates are selected for training as paid as well as unpaid apprentices.

### **M/s. Hindustan Shipyard Private Ltd., Visakhapatnam**

Matriculates or equivalent between 16 and 20 yrs. are selected for 4 years training (2½ years for candidates trained at I.T.I.) in the trades. Stipends of Rs. 50 to Rs. 65 during training.

### **M/s. Kirloskar Brothers Ltd., Kirloskar-Wadi, Distt. Sangli**

A three-year apprenticeship training is provided in the trades. Stipends of Rs. 55, Rs. 60 and Rs. 70 for the 1st, 2nd and 3rd year respectively.



*Training of Workers in Chemical Industry*—Alembic Chemical Works Ltd., Sarabhai Chemicals Ltd., Jyoti Ltd., etc, have apprenticeship and other courses.

### Kanpur Textiles Ltd., Kanpur

*Practical Training Stipend Scheme*—One year training in winding, warping, sizing, carding and spinning. Training starts in August. No fees. Some stipend is given.

*Cement Industry*—3 years training in trades at A.C.C. Engg. Institute, Kymore (M.P.) set up by Associated Cement Companies, Ltd.

*Jute Industry*—The Institute of Jute Technology provides a four-year apprenticeship course for training supervisor in Jute Mills. Trainees get monthly allowance from their employers.

*Paper Mills*—The Titagarh Paper Mills have a 5-year apprenticeship scheme for training trade apprentices, supervisors and graduate engineers. Also courses for paper-making apprentices.

### Apprenticeship Training Scheme

#### *Indian Bureau of Mines—*

(i) *Senior Stipendary Trg. Scheme*—Trg. for a year. Stipend Rs. 150 p.m.,

(ii) *Post Graduate Stipendary Trg. Scheme*—3 months trg. Stipend Rs. 80 p.m.

(iii) *Post Graduate Non-Stipendary Trg. Scheme and Officers Trg. Scheme* (State Govt.) one to two months training during vacation period of educational institutions. No stipend.

(iv) *Officers Apprentices Trg. Scheme*—2 years apprenticeship training.

(v) *In-plant Training Scheme in Drilling*—12 months trg. Trainees get Rs. 3 to 4 on working days.

(vi) *In-plant Trg. Scheme for Vocational Trades in Workshop*—Two to three months training at the workshop of Indian Bureau of Mines, Seminary Hills, Nagpur. Trainees get Rs. 1.50 to Rs. 2 on working days only.

### National Coal Development Corporation Ltd.

(i) Matriculates with Science & Maths. between 17 and 22 years are admitted for  $2\frac{1}{2}$  years training at five Mining Training Schools at Karyali, Giridih, Kurasia, Talcher and Bhukunda. Candidates with craftsman certificate get one year training. Trainees get a stipend of Rs. 45 p.m. for the first  $1\frac{1}{2}$  years and Rs. 60 p.m. for the final year.

(ii) Diploma holders in Elect./Mech. Engg. between 20 and 23 years get  $1\frac{1}{2}$  years training of supervisory personnel. Trainees get Rs. 75 p.m. for the first six months and Rs. 100 p.m. later on.

(iii) Matriculates with Maths. & Science between 18 and 22 years can undergo  $3\frac{1}{2}$  years training course to become Mine overman or Mine Surveyor. Trainees get Rs. 45 p.m. for the first two years and Rs. 63 p.m. later on.

(iv) Matriculates with Maths. & Science between 16 and 18 years are admitted for a 2-year course to become Assistant Surveyor. Stipend Rs. 45 p.m. during training period.

### Silk Board, Bombay

*Sericulture Training Institute, Titabar (Assam)*—2 years Diploma Course and one year certificate course. Stipend Rs. 40 p.m.

*Sericulture Training Institute, Srinagar*—One year Certificate Course starting on 1st December every year. Stipend Rs. 50 p.m.

*Sericulture Training Institute, Channapatna*—One year Certificate course. Graduates get a stipend of Rs. 40 p.m. and non-graduates Rs. 25 p.m.

*All India Sericulture Training Institute, Mysore*—One year Higher Course for graduates and one year Lower Course for non-graduates. No stipend. A fee of Rs. 200 p.a. is charged from non-sponsored candidates. Courses start on 1st October.

*Sericulture Training Institute, Berhampore*—One year Senior Course; one year Junior Course; and six months Grainvars Course. Courses start in November. No stipend.

### Khadi & Village Industries Commission, Bombay

Khadi Gramudyog Vidyalayas situated at Balrampur (W.B.); Palghat (Kerala); Chittradunga (Mysore); T-Kallupatti (Bihar); Mecbela (M.P.); Madhubani, Patna, Ranipatra (Bihar); Samalkha and Rajpura (Pb.); Sevapuri (U.P.); Shivdaspura (Rajasthan); Tirupur and Verrapandi (Madras); Ahmedabad (Gujarat) and Nasik (Maharashtra) admit matriculates for  $1\frac{1}{2}$  year course in three short courses of Khadi Gramudyog Pravesh for 4 months, K. G. Karyaka 11 months and Field Training for 3 months. Candidates get Rs. 45 p.m. during training. 6 month short-term Training Course in Khadi is also imparted. Trainees get Rs 30 p.m. as stipend during training.

*Ambar Trg.*—There are twenty Ambar Karyakarta Vidyalays, Seven Mistri Vidyalayas and Six Bunai Vidyalayas. Matriculates between 18 and 45 years are admitted for the following courses:—

Ambar Karyakarta for 9 months. Stipend Rs. 45 p.m.



Ambar Mistri Course for 6 months Stipend Rs. 75/- p.m.  
 Ambar Bunker Course for 3 months Stipend Rs. 75/- p.m.  
 Ambar Karigar Course for 3 months Stipend Rs. 20/-  
 Ambar Shibir Course for 1 month only Stipend Rs. 1.50 P.  
 per day.

6 months training in Salesmanship and 2 months training for refresher course is imparted at training centres at New Delhi, Bangalore and Hyderabad. Stipend Rs. 65/- p.m. 12 months training for Gram Sahayaks and two months for Gram Karyakartas is given at Borivili (Bombay) and Monghyr (Bihar).

6 months training for instructors in training centres for Gram Sahayaks etc. is imparted to graduate teachers at Regional Planning Institute, Sevagram, Wardha. Stipend Rs. 45 p.m. and third class T.A.

One year training for Inspectors Course, three months for Mistri's Course and one month for Telis' Course is imparted at training centres at Muzaffarpur, Madurai, Ahmedabad, Jaipur, Allahabad etc. for village Oil Industry, Stipend Rs. 50 p.m. for Inspector, Rs. 75/- p.m. for Mistry and Rs. 35/ p.m. for Teli's trainee.

Training Centres for Palm Gur are located at Mangalore, Patna, Kunnam Kulam, Balrampur, T. Kallupatti, Shillong, Kalyanskovour, Cuttack, Jullundur, Amravati, Jaipur, Surat, Ujjain, Kanpur and Dahanu.

Apiarist Course in Bee Keeping Industry is imparted to I.Sc. at Training School at Mahabaleshwar for six months commencing from 1st Dec. Stipend Rs. 60/- p.m. Three months advanced course is imparted at Regional Training Institutes T. Kallupatti (Madras) and Udipi (Mysore).

*Non-Edible Oils and Soap Industry*—Trg. Centres at Ahmednagar, Thana, Amraoti, Bhilwara, Midnapore, Bolarum and Madurai impart the following courses.

6 months Chemists Course for B.Sc. (Chemistry). Stipend Rs. 65/- p.m.

3 months Apprentices Course for Matric S.S.C. Stipend Rs. 45/- p.m.

1 month Course for School Teachers (nominated by schools). Stipend Rs. 45/- p.m.

*Hand made Paper Industry*—Trg. Institutions at Poona, Nadia, Hoshiarpur, Madurai, Erandole, Chirakkal, Gandhigram, Hyderabad and Jalaun impart following Courses.

Higher Course which Commences on 1st July. Duration 12 months. Stipend Rs. 75/- p.m.

**Operative Course** which commences on 1st July. Duration 12 months. Stipend Rs. 50/- p.m.

**Artisan Course** held every quarter. Duration 3 months. Stipend Rs. 35/- p.m.

**Teachers Course** during summer vacations held for one month.

**Leather Industry**—Training Centres at Borivli, Ramnad, Nadia impart 4 months training in Flaying etc. to literates. Stipend Rs. 45/- p.m. Trg. Centres at Borivli, Dewas, Wardha, Varanasi, Jaipur, Nalgonda, Sagarpur, Guntur, Adampur and Madurai impart one year training to Matriculates for Village Training Course, Stipend Rs. 45/- p.m.

**Cottage Match Industry**—Training Centre Sudepur (W B.) imparts 4 months training. Stipend Rs. 60/- p.m. to graduates and Rs. 40/- p.m. to matriculates.

**Village Pottery**—Trg. Centres Belgaum, Meerut, Chanda, Kozhikode, Sorath and Santhal Parganas impart Pottery Courses. Stipend Rs. 45/- p.m. to trainees.

**Fibre Industry**—J. S. S. Gramudyog Centre, Dharwar imparts 6 months advanced and 3 months elementary course. Stipend Rs. 40/- p.m. Also Peripatatic Courses are imparted at trainees own homes and villages for 15 days to 2 months. Stipend Rs. 15 to 20 to women trainees and Rs. 30 to 40 p.m. to men trainees.

**Weavers Courses**—4 months Course at Bombay, Madras, Varanasi, Calcutta etc. is imparted. Stipend Rs. 60 to 75/- p.m. plus third class railway fare both sides.

### **The Central Small Industries Organisation**

Small Industries Service Institute and the Branch Institute at Agra impart some Managerial Training in Business Management etc. for officers of the State Govts. connected with small Industries.

**Training Abroad under the Foreign Aid Programmes**—Under the Ford Foundation Grant, Colombo Plan, U.N.T.A.O. etc. Officials and Industrialists are sent for training abroad.

### **Technical Training Activies in Defence Research Laboratories**

Laboratories at Kanpur and Delhi provide facilities of research in various engineering subjects leading to M.Sc., Ph.D., D.Sc., Degrees. Stipends of Rs. 400, Rs. 250 and Rs. 100 p.m. are given under Senior Fellowship schemes, Junior Fellowship schemes and part time research students respectively.

**Training in Ordnance Factories**—(i) Graduate engineers between



20 and 25 years get 3 years training. During training they get Rs. 350 p.m. as stipend with a rise of Rs. 30/- every year and after training are absorbed as Assistant Works Managers in the grade of Rs. 410—850.

(ii) Diploma holder engineers get  $2\frac{1}{4}$  to 4 years training. Stipend Rs. 60 to 90 p.m. After training they are absorbed as Chargemen/supervisors in the Scale of Rs. 150—380.

(iii) Matriculates between 15 and 17 years get 2 years training as Skilled Craftsmen and Boy Artisans.

(iv) Literates below 25 get 12 months to 18 months training as Semi-skilled Workmen. They get a stipend of Rs. 30/- p.m.

(v) Matriculates with Maths. and Inter with Drawing are taken up for 3 years training as Draughtsmen and two years further training as senior Draughtsmen. Stipend Rs. 60 to 80 p.m.

(vi) Matriculates with Diploma in Mech. Engg. followed by two to three years workshop training are taken up for training as Rate Fixer/Planner etc. stipend Rs. 70 to 85 p.m.

*Hindustan Aircraft Ltd.*—Matriculates with Maths. between 16 and 18 years get three years training as Trade Apprentices, Stipend Rs. 23 p.m. in addition to board and lodging. There is also a 3 months trade training course.

*Training for Tractor Operators.*—Tractor Training and Testing Station Bundi (M.P.) organises ten months and six months courses.

### Indian Telephone Industries, Bangalore

Graduates in Engineering get one year training as Factory Apprentice Grade 'A' and absorbed as Tech. Assistants 'A'. Stipend Rs. 150/ p.m. plus D.A. Diploma holders in Engg get 2 years training and then absorbed as supervisors/Tech. Assistants (B). Stipend Rs. 115/- p.m. plus D.A. Matriculate employees with at least six months service are selected for 3 years training and then absorbed as Skilled Operators. Stipend Rs. 85/-, Rs. 110/- plus D.A.

Every year a few 'A' grade and 'B' grade Govt. of India Apprentices from the Ministry of Scientific Research and Cultural Affairs, Southern Region, Madras are imparted one year and 2 years training respectively. During training the Government pays Rs 150/- and 100/- p.m. respectively as stipend.

Middle pass between 18 to 21 years are trained for one year as Learners and they are paid Rs. 70/- p.m. plus D.A.

*Trade Apprenticeship Scheme*—in Printing Trades in Govt. of India Presses Simla, New Delhi, Calcutta, Aligarh and Gangtok. Trainees are paid stipends of Rs. 25 to Rs. 40 p.m.

## Practical Training in the Testing of Engineering and Chemical Materials

The Director, Government Test House, Ministry of Works, Housing and Supply, Calcutta provides 3 months training to B.Sc./B.E. Trainees who get a stipend of Rs. 15/- p.m.

Ministry of Information and Broadcasting has a Staff Training School. (A.I.R.) Akashwani Bhawan, Parliament Street, New Delhi which imparts training Courses for Radio Announcers, Staff Artists etc. Film Institute of India (Poona) has following regular courses.

Film Direction cum Script Writing—3 years course for graduates; 3 years course in motion Picture Photography for F.Sc.; 3 Years course in Sound Recording and Sound Engineering for Inter with Physics and 2 Years Course in Film Editing for Inter. The courses start on 20th July.

*Sanitara Inspectors Course*—Vidya Bhavan Rural Institute, Udaipur and Gandhigram Rural Institute, Gandhigram, Dist. Madurai impart one year cert. Course. A fee of Rs. 5 p.m. at the former and Rs. 147 p.a. at the latter institute is charged. Ford Foundation gives Rs. 40 p.m. as stipend to every student.

*Training of Teachers in Radio Visual Methods*—The National Institute of Audio Visual Education, New Delhi provides 3 months certificate Course. Stipend of Rs. 100 p.m. to the trainees.

*Lady Reading Health School*—Imparts 2½ years integrated course in midwifery and health-visiting to Matriculates above 17. Stipend of Rs. 50 p.m. to each student. In lieu the Candidates will serve the Govt. for 3 years. The institution also offers 10 months Public Health Nursing Course for Graduate Nurses. Trainees get Rs. 150 p.m. as stipend and in lieu serve the Govt. for 3 years.

*Auxiliary Nurse/Mid-Wife Course*—Candidates above 17 years and Completed 7th standard are admitted for 2 years course in hospitals etc. They get free quarters and Rs. 50/- p.m. as stipend.

## APPRENTICESHIP OPPORTUNITIES

Apprenticeship opportunities for Intermediates in Science are available in industrial organisations like the following :

Name of the Organisations	Duration of Apprenticeship	Stipend Allowed
<i>Electrical Engineering :</i>		
The Indian Standard Wagon Co. Ltd., Burnpur, Burdwan	5 yrs.	Initially Rs. 1.25 per day plus allowances p.m.
The Indian Iron and Steel Co. Ltd., (Burnpur Works and Kulti Works).	4 yrs	Rs. 40—50—60—70 plus dearness allowances p.m.
Sone Valley Portland Cement Factory, Japla	3 yrs.	Rs. 80—100 p.m.



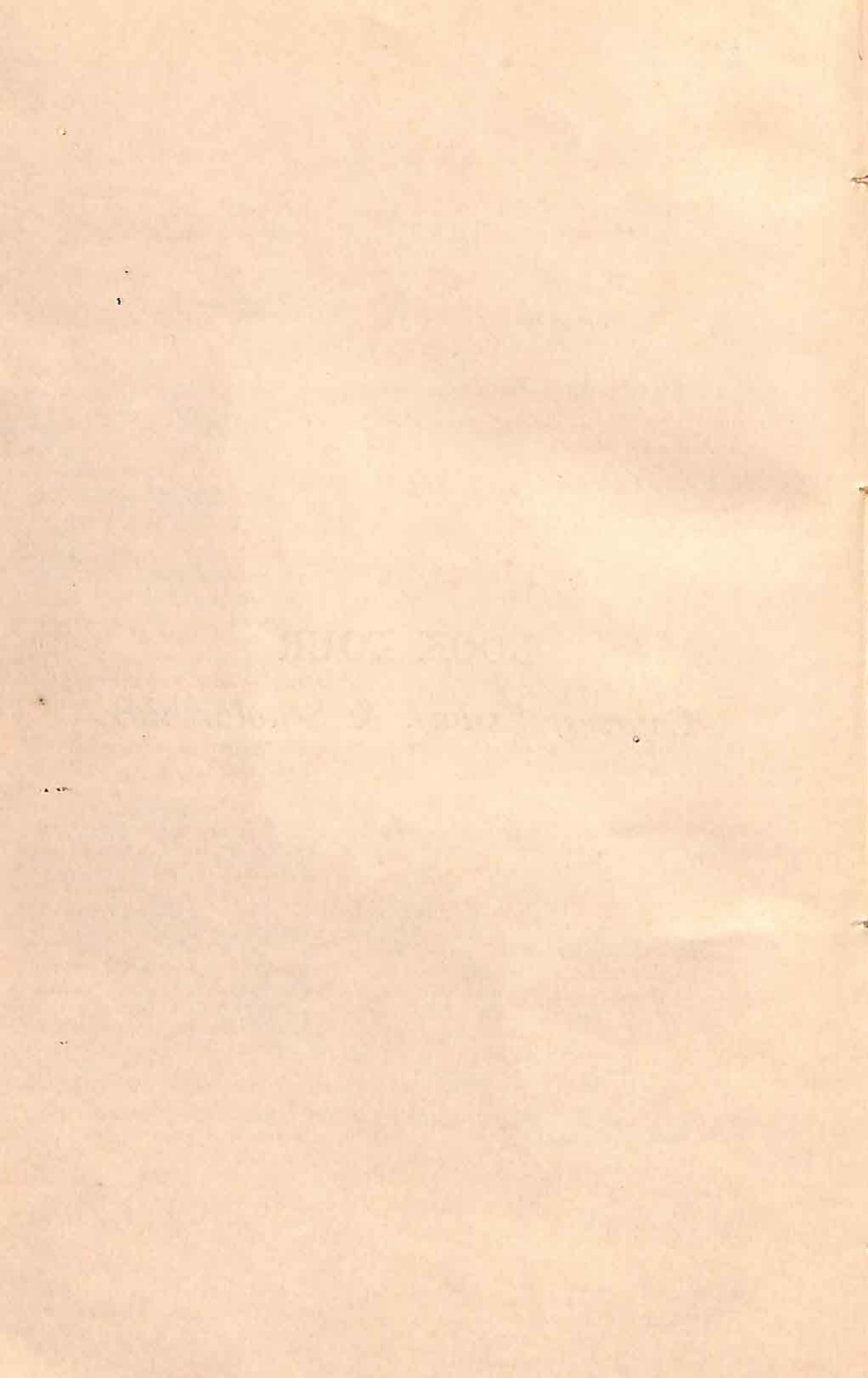
Name of the Organisations	Duration of Apprenticeship	Stipend Allowed
<i>Mechanical Engineering :</i>		
Gun Carriage Factory, Jabalpur, Rifle Factory, Ishapore, Gun Shell Factory, Cossipore, Cordite Factory, Aruvankadu, High Explosives and Ammunition Factories, Kirkee, under the Directorate General of Ordnance Factories, Calcutta.	4 yrs. (2 yrs. for Graduates & diploma holders)	Rs. 60 to Rs. 80 plus dearness allowance p.m. (For graduates and diploma holders, the starting salary is Rs. 80 plus allowances p.m. in the scale of Rs. 80-85-90)
Sone Valley Portland Cement Factory, Japla.	3 yrs.	Rs. 80-100 p.m.
The Indian Iron and Steel Co. Ltd. (Burnpur Works and Kulti Works).	4 yrs.	Rs. 40-50-60-70 plus dearness allowance p.m.
Remington Rand of India Ltd., Calcutta.	6 months to 4 yrs.	Rs. 45 p.m.
The Indian Standard Wagon Co. Ltd. Burnpur, Burdwan.	5 yrs.	Initially Rs. 1.25 per day plus dearness allowances
<i>Electrical and Mechanical Engineering :</i>		
General Electric Co. of India (Mfg.) Ltd., Paharpur Works, Calcutta-24.	4 yrs.	Rs. 40 to Rs. 50 plus dearness allowance
The Indian Iron and Steel Co. Ltd. (Burnpur Works and Kulti Works). (For Apprenticeships in Laboratory Testing and Analysis).	4 yrs.	Rs. 40-50-60-70 plus dearness allowance p.m.
<i>Mining Engineering :</i>		
New Manbhum Coal Co. Ltd., Gaslitan Colliery, P.O. Sijua, Distt. Dhanbad.	3-5 yrs.	Not fixed
<i>Mine Surveying :</i>		
New Manbhum Coal Co. Ltd., Gaslitan Colliery, P.O. Sijua, Distt. Dhanbad.	5 yrs.	Not fixed
Mining (Overman, mining, Sirdars and 1st and 2nd Class Mine Managers).		
Bhanora Colliery (Macneil and Barry) Ltd., Charanpur, Burdwan.	4 yrs.	Rs. 70
Dhemo Main Colliery, Sitarampur, Burdwan.	4 yrs.	Rs. 70
Methani Colliery, Methani, Burdwan.	4 yrs.	Rs. 70
Bhutgoria Colliery, P.O. Bhaga, Distt. Dhanbad.	4 yrs.	Rs. 70
Bhawra Kaukari Colliery, Ltd., P.O. Bhawra, Bhaya, Manbhum.	5 yrs.	Rs. 35 to 70
<i>Metallurgical Engineering :</i>		
The Indian Iron & Steel Co. Ltd. (Burnpur Works and Kulti Works).	4 yrs.	Rs. 40-50-60-70 plus dearness allowance p.m.
<i>Kiln Engineering :</i>		
Sone Valley Portland Cement Factory, Japla.	3 yrs.	Rs. 80-100 p.m.

Name of the Organisations	Duration of Apprenticeship	Stipend Allowed
<b>Boiler Engineering :</b>		
The Indian Iron and Steel Co. Ltd. (Burnpur Works and Kulti Works).	4 yrs.	Rs. 40—50—60—70 plus dearness allowance p.m.
<b>Civil Engineering :</b>		
The Indian Iron and Steel Co. Ltd. (Burnpur Works and Kulti Works).	4 yrs.	Rs. 40—50—60—70 plus dearness allowance p.m.
<b>Structural Fitting :</b>		
Mackintosh Burn Ltd., 8 Netaji Subhas Road (Workshop : 6/1 Dehi Serampore Lane, Ballygunge), Calcutta.	4 yrs.	Rs. 30 p.m. after 1 year
<b>Fuel Technology :</b>		
The Indian Iron and Steel Co. Ltd. (Burnpur Works and Kulti Works).	4 yrs.	Rs. 40—50—60—70 plus dearness allowance p.m.
<b>Jute Technology :</b>		
Birla Jute Manufacturing Co. Ltd., Birlapur, 24 Parganas.	3 yrs.	Nil
<b>Assistant Signal Inspectorships (Railways) :</b>		
Office of the Chief Signal and Telecommunication Engineer, N.E. Railway, Gorakhpur.		Rs. 100-110 plus Rs. 50 p.m.
<b>Blast Furnace Operation :</b>		
The Indian Iron and Steel Co. Ltd. (Burnpur Works and Kulti Works).	4 yrs.	Rs. 40—50—60—70 plus dearness allowance p.m.
<b>Boiler House Operation :</b>		
The Indian Iron and Steel Co. Ltd. (Burnpur Works and Kulti Works. (Apprenticeships in Coke oven operation).	4 yrs.	Rs. 40—50—60—70 plus dearness allowance p.m.
<b>Plumbing Engineering :</b>		
Gun Carriage Factory, Jabalpur, Rifle Factory, Ishapur, Gun Shell Factory, Cossipore, Cordite Factory, Aruvankadu, High Explosives & Ammunition Factories, Kirkee, under the Directorate General of Ordnance Factories, Calcutta.	4 yrs.	Rs. 80 in the scale of Rs. 80—85—90—90.
<b>Die Sinking :</b>		
The Indian Iron and Steel Co. Ltd. (Burnpur Works and Kulti Works).	4 yrs.	Rs. 40—50—60—70 plus dearness allowance p.m.
<b>Mechanical Drawing :</b>		
The Indian Iron and Steel Co. Ltd. (Burnpur Works and Kulti Works).	4 yrs.	Rs. 40—50—60—70 plus dearness allowance p.m.
<b>Pattern Making :</b>		
The Indian Iron and Steel Co. Ltd. (Burnpur Works and Kulti Works).	4 yrs.	Rs. 40—50—60—70 plus dearness allowance p.m.



## BOOK FOUR

*Courses, Exams. & Scholarships*





**(A) FAMOUS INDIAN UNIVERSITIES AND THEIR COURSES**

*Agra University, Agra*—Arts ; Science : Agriculture ; Commerce ; Law ; Medicine ; Vet. Science and Animal Husbandry ; Engg. (Elec., Mech., Chemi.) ; Text. Chem. ; Text. Technology ; Teachers Trg.

*Aligarh Muslim University, Aligarh*—Arts ; Science ; Commerce ; Law ; Medicine ; Theology ; Engg. (Civil, Elect., Mech.), Unani, Tibb and Surgery ; Art and Islamic Studies ; Teachers Trg.

*Allahabad University, Allahabad*—Arts ; Science ; Commerce ; Law ; Engg. (Civil, Elect., Mech., Agri.).

*Andhra University, Waltair*—Arts ; Science ; Agriculture ; Commerce ; Fine Arts ; Law ; Medicine ; Oriental Learning ; Teaching ; Vet. Science ; Engg. (Civ., Elect., Mech., Tele-Communication) ; Technology ; Pharmacy.

*Annamalai University, Annamalainagar*—Arts ; Science ; Education ; Fine Arts ; Oriental Studies ; Engg. (Civ., Elect., Mech., Chemi.) ; Music.

*Banaras Hindu University, Varanasi*—Arts ; Science ; Law ; Medicine & Surgery (Ayurveda) ; Music & Fine Arts ; Oriental Learning ; Theology ; Mining and Met. : Chemi. Engg. ; Silicate Tech. and Tech. (Civ. & Municipal, Elect., Mech.) : Pharmacy.

*Baroda University, Baroda*—Arts ; Science ; Commerce ; Education & Psychology ; Fine Arts ; Home Science ; Medicine ; Social work ; Technology (Text.) ; Engg. (Civ., Elect., Mech., Text., Arch.).

*Bhagalpur University, Bhagalpur*—Arts ; Science ; Agriculture ; Commerce ; Fine Arts & Crafts ; Law.

*Bihar University, Muzzaffarpur*—Arts ; Science ; Agriculture ; Commerce ; Law ; Medical Sciences ; Engg. (Civ., Elect., Mech.).

*Bombay University, Bombay*—Arts ; Science ; Commerce ; Law ; Medicine ; Dentistry ; Technology (Text. Chem., Food, Intermediates & Dyes, Plastics, Pigments, Paints & Varnishes, Oils, Fats & Waxes) ; Engg. (Chemi., Arch., Civ., Elec., Mech., Text.) ; Nursing ; B.Sc. Tech. (Pharmaceuticals and Fine Chemicals) ; (Post graduate course in Civ. Elec. & Mech. Engg.).

*Calcutta University, Calcutta*—Arts; Science; Agriculture; Commerce; Education; Fine Arts & Music; Journalism; Law; Medicine; Vet. Science; Engg. (Civ., Elect., Mech., Mining, Met., Tele-Comm., Arch.); Tech. (Leather, Text., Chemi. Engg.; Chemi., Applied Physics, Radio Physics, Electronics); Dentistry.

*Delhi University, Delhi*—Arts; Science; Agriculture & Forestry; Education; Law; Music & Fine Arts; Engg. (Civ., Elect., Mech., Chemi., Text., Ch., Arch.); Tech. (Text.); Medicine; Nursing; African Studies; Business Management; Unani and Ayurvedic Medicine; Home Science.

*Gauhati University, Gauhati*—Arts; Science; Agriculture; Commerce; Law; Medicine; Engg. (Civ., Elect., Mech.).

*Gorakhpur University, Gorakhpur*—Arts; Science; Commerce; Law.

*Gujarat University, Ahmedabad*—Arts; Education; Science; Agriculture; Ayurvedic Medicine; Commerce; Law; Medicine; Engg. (Civ., Elec., Mech.); Pharmacy.

*Jabalpur University, Jabalpur*—Arts; Science; Agriculture; Commerce; Education; Home Science; Law; Medicine; Vet. Science; Engg. (Civ., Elect., Mech., Tele., Comm., Mining, Metallurgy).

*Jadavpur University, Jadavpur*—Arts; Science; Engg. (Civ., Elect., Mech., Tele-Comm., Chem.).

*Jammu & Kashmir University, Srinagar*—Arts; Science; Commerce; Education; Medicine; Oriental Learning; Social Sciences.

*Karnatak University, Dharwar*—Arts; Science; Agriculture; Law; Medicine; Social Sciences; Engg. (Civ. Elect., Mech.).

*Kerala University, Trivandrum*—Arts; Science; Agriculture; Ayurvedic; Commerce; Education; Law; Medicine; Oriental Studies; Fine Arts; Vet. Science; Engg. (Civ., Elect., Mech.); Ayurveda.

*Kurukshetra University Kurukshetra*—Arts and Education.

*Lucknow University, Lucknow*—Arts; Science; Ayurveda; Commerce; Law; Medicine; Dentistry; Music.

*Madras University, Madras*—Arts; Science; Agriculture; Commerce; Fine Arts; Law; Medicine; Oriental Learning; Teaching; Vet. Science; Engg. (Civ., Elect., Mech., Mining, Tele-Comm.); Tech. (Text., Leather, Chemi. Engg.); Nursing; Pharmacy.

*Marathwada University, Aurangpura, Aurangabad*—Arts; Science; Agriculture; Commerce; Education; Law; Medicine; Engg. (Civ., Elect., Mech.).

*Mysore University, Mysore*—Art; Science; Agriculture; Commerce; Education; Law; Medicine; Engg. (Civ., Elect., Mech.,



Elect. Comm., Elect., Tech., Metallurgy, Text.) ; Dentistry ; (Post graduate course in Civ., Elect. & Mech. Engg.).

*Nagpur University, Nagpur*—Arts ; Science ; Agriculture ; Commerce ; Education ; Law ; Medicine ; Engg. (Civ., Elect., Mech.) ; Technology ; Ayurveda ; Pharmacy.

*Osmania University, Hyderabad*—Arts ; Science ; Agriculture ; Commerce ; Education ; Law ; Medicine ; Vet. Science ; Engg. (Civ., Elect., Mech., Mining, Tele. Comm., Chemi.) ; Technology (Chemi.) ; Dentistry.

*Patna University, Patna*—Arts ; Science ; Commerce ; Education ; Law ; Medicine ; Vet. Science ; Engg. (Civ., Elect., Mech.).

*Poona University, Poona*—Arts ; Science ; Agriculture ; Ayurvedic ; Medicine ; Law ; Mental, Moral and Social Sciences ; Engg. (Civ., Elect., Mech., Met, Tele. Comm.)

*Punjab University, Chandigarh*—Arts ; Science ; Agriculture & Dairying ; Commerce ; Education ; Law ; Medicine ; Oriental Learning ; Vet. Science ; Engg. (Civ., Elect., Mech., Text., Chemical) ; Dentistry ; Pharmacy ; Home Science.

*Rajasthan University, Jaipur*—Arts ; Science ; Commerce ; Education ; Law ; Medicine & Pharmaceutics ; Vet. Science ; Engg. (Civ. Elect., Mech., Tele-Comm., Mining) ; Pharmacy.

*Ranchi University, Ranchi*—Arts ; Science ; Agriculture ; Commerce ; Law ; Engg. (Civ., Elect., Mech., Chemi., Production ; Tele-Comm., Mining) ; Tech. (Petroleum).

*Roorkee University, Roorkee*—Engg., (Civ., Elec., Mech., Tele-Comm.) ; Architecture.

*Sardar Va'labbhai Vidyapeeth, Vallabh Vidyanagar*—Arts ; Science ; Agriculture ; Commerce ; Engg. (Civ., Elect., Mech.).

*Saugar University, Saugar*—Arts ; Science ; Education ; Law ; Engg., Civ., Elect., Mech., Metallurgy, Mining) ; Ayurveda ; B.Sc. (Pharmacology, Microbiology and Bio-Chemistry).

*S.N.D.T. Womens University, Bombay*—Arts ; Nursing.

*Sri Venkateswara University, Tirupati*—Arts ; Science ; Agri., Commerce ; Fine Arts ; Medicine ; Oriental Learning ; Teaching ; Vet. Science ; Engg. (Civ., Elect., Mech.).

*U.P. Agricultural University, Pant Nagar (Naini Tal Distt.)*—Agriculture & Vet. Science.

*Utkal University, Cuttack*—Arts ; Science ; Commerce ; Agriculture ; Education ; Law ; Medicine ; Vet. Science and Animal Husbandry ; Engg. (Civ., Elect., Mech.)

*Varanaseya Sanskrit Vishwavidyalaya, Varanasi Cantt.*—Sanskrit.

*Vikram University, Ujjain*—Arts ; Science ; Agriculture ; Commerce ; Education ; Law ; Medicine ; Physical Education ; Vet. Science & Animal Husbandry ; Engg. (Civ., Elec., Mech.).

## **(B) PRIVATE EXAMS CONDUCTED BY UNIVERSITIES AND BOARDS**

*Matric*—(i) Madhya Bharat Board, Gwalior.

(ii) Muslim University, Aligarh.

*F.A., I A., I.Sc., I.Com.*—Board of Secondary Education.

Madhya Pradesh, Bhopal.

U.P. Board, Allahabad.

Gujarat University, Ahmedabad.

*B.A.*—Gujarat University (three years after F.A.)

*B. Com.*—Poona University, Poona.

*M.A & M.Sc. (Maths)*—Poona University, Poona.

*L.L.B.*—Utkal University, Cuttack (above thirty years of age).

*L.L.M.*—Poona University, Poona.



## **(C) FAMOUS FOREIGN UNIVERSITIES AND THEIR COURSES**

### **UNITED KINGDOM**

#### **University of Birmingham (Oct. 1 to July 1)**

Arts, Music, commerce, law, pure science, engineering (Civil), Elect., Mech., Chemi., Metallurgy, Mining, Industrial Fermentation); Dentistry; Medicine courses up to Master's Degree in many subjects.

#### **University of Bristol (First week in Oct. to First week in July)**

Arts, Science; Law; Dental Surgery; Medicine; Engineering courses upto Master's Degree and Doctorate in many subjects.

#### **University of Cambridge (Early Oct. to Mid June)**

Arts, Music, Medicine, Law, Dentistry M.A. no exam but by passage of time 2 years after B.A.; Masters & Doctorate Degree in many subjects.

#### **University College of Hull : Hull England under University of London, (Oct.—June)**

Geography; Social studies; Theology; Certificate in Education, Dip. in Public administration, Health visitors course, Law society exam.

#### **University of Durham, 46 North Bailey Durham, England (Early October to Late June)**

Arts, Science, Agri., Commerce, Law, Fine Arts, Dental Surgery, B.A. (Town and country planning (Hons), Architecture, Medicine and Surgery, Hygiene, Teachers Training courses; Masters Degrees and Doctorate available in many subjects especially Dental Surgery and Medicine & Surgery.

#### **University of Leeds, Leeds England (First week of Oct. to First week of July)**

Arts, Science, Music, Law, Commerce and Medicine & Surgery  
Dental Surgery, Teachers Training.

#### **University of Liverpool (First week of October to first week of July)**

Arts, Science, Law, Architecture, Veterinary Science, Dental Surgery, Medicine and Surgery, Masters Degree courses available.

**University of London, London, W.C.I., England (Oct. 8—June 30)**

Theology, Arts, Science, African Studies, Architecture, Law, Music, Medicine and Surgery, Engineering (Chemical, Metallurgy, Mining), Commerce and Economic, Agri., Horticulture, Vet. Science, Courses of Masters degree and Doctorate in all the subjects.

**University of Nottingham (Oct. 8—June 29)**

Arts, Science, Law, Music, Agri., Horticulture, Engineering and Mining, Pharmacy, Dentistry, Teachers' Training, Masters degree and Doctorate available.

**University of Oxford (Oct. 1 to Saturday after First Sunday in July)**

Arts, Science, Music, Medicine, Dentistry, Theology, Education, Teachers Training, Fine Arts, Agricultural Economics, Forestry, Public and Social Administration, Oriental Studies.

*Note* : M.A. open without further exam to Oxford B.A.'s who have paid dues for 21 terms.

M.A. and Doctorate courses in many subjects.

**University of Reading, London Road, Reading, Berkshire, England (First week in Oct. to first week in July)**

Arts, Science, Agri., Horticulture, Dairying, Fine Arts., M.A., MSc. and Doctorate are research degrees.

**University of Sheffield (Oct. 11 to July 2)**

Arts, Science, Music, Law, B. Sc. Tech., Metallurgy, Architecture, Dentistry, Law, M.A. & Ph.D. by research.

**Victoria University of Manchester, Manchester 13, England (October to July)**

Arts, Science, Theology, Law, Music, Commerce, Administration Tech. and Mining, Dental Surgery, Medicine and Surgery M.A. & M.Sc. are Thesis exams ; Doctorate by research.

**Queen's University of Belfast, Northern Ireland (Oct. 1 to June 30)**

Arts, Science, Civil Engineering, Agr., Dental Surgery, Medicine and Surgery and Obstetrics, Education, M.A., M.Sc. & M.Ds. 1 year thesis. Doctorate 3 years thesis.

**University of Aberdeen, Aberdeen Scotland (Regular session October 12—Sept. 30) Summer session**

April—June, Winter session October—December, Spring Jan—March. Arts, Science, Education, Agriculture, Engineering, Forestry, Divinity, Law, Medicine and Surgery, Diploma in Public Health.



**University of Edinburgh** (Oct. 1—Sept. 30, Autumn Oct. 5—Dec. 10)

Spring—Jan. 8—March 14, Summer—Ap. 15—June 13, Divinity, Law, Music, Medicine, Surgery, Diploma in Agri. Science, Administration Law, Public Health, Tropical Medicine and Hygiene, Industrial Health, Medical Radiology.

**University of Glasgow, Glasgow, W. 2, Scotland** (Oct. 6—mid June)

Medicine, Surgery, Dental Surgery, Education, Divinity, Law, Science, Diploma in Public Health, Public Administration and Social Studies.

**University St. Andrews, Fife Scotland** (Oct. to June)

Arts, Science, Divinity, Engineering, Medicine and Surgery, Dental Surgery, Law.

**University of Wales Cathays Park, Cardiff, Wales** (Oct.—June)

Arts, Science, Music, Law, Pharmacy, Architecture, Medicine and Surgery, Dip. in Education, certificate and diploma in Public Health, Diploma in Agri. Science and Forestry, Theology, Agriculture. M.A. & M.Sc. also by thesis.

## UNITED STATES OF AMERICA

**Boston University, Boston**

Law, Medicine, Education, Soil Work, Fine & Applied Arts, Nursing, Arts, Sciences.

**University of California**

Agriculture, Business Administration, Engg. & Technology, Naval Architecture, Forestry, Journalism, Languages, Librarianship, Public Health, Sociology, Arts and Sciences.

**Los Angeles Campus**

Business Administration, Engg., Law, Journalism, Medicine, Social Welfare, Arts and Sciences.

**The University of Chicago**

Law, Medicine, Business Administration, Linguistics, Arts and Sciences.

**Columbia University, New York 27, N Y.**

Physical Education, Journalism, Business Management, Law, Engineering, Medicine.

**Harvard University, Cambridge 38, Massachusetts**

Business and Public Administration, Languages, Fine Arts, Sociology, Medicine, Architecture.

**University of Illinois, Urbana, Illinois**

Agriculture, Engg., Education, Fine & Applied Arts, Business Administration, Medicine, Nursing, Pharmacy.

**Iowa State University of Science & Technology Ames, Iowa**

Agriculture, Engg., Veterinary Science, Humanities.

**The University of Michigan, Ann Arbor, Michigan**

Architecture & Design, Pharmacy, Medicine & Dentistry, Business Administration, Social Work, Nursing, Public Health.

**University of Minnesota, Minneapolis 14, Minnesota**

Agriculture, Medicine & Dentistry, Business Administration, Journalism, Librarianship, Engineering.

**New York University, New York**

Law, Medicine & Dentistry, Engg., Business & Public Administration, Social Work, Arts & Sciences.

**Stanford University, Stanford, California**

Education, Engg., Law, Medicine, Naval Science, Food Research, Agriculture.

**University of Texas, Austin, 12 Texas**

Law, Social Work, Architecture, Medicine and Dentistry, Engg., Arts & Sciences.

**University of Virginia, Charlottesville, Virginia**

Arts & Sciences, Medicine, Nursing, Education, Engg. & Architecture.

**University of Washington, Seattle 5, Washington**

Art & Drama, Physical Education, Engg., Librarianship, Fisheries, Forestry, Medicine & Dentistry, Law, Nursing, Social Work.

**FRANCE****University of Marseille**

Law and Economic Sciences, Letters and Human Sciences, Medicine & Pharmacy.

**University of Bordeaux**

Law, Medicine and Pharmacy, Letters.

**University of Paris**

Law, Medicine and Pharmacy, Sciences, Letters and Humanities.



## GERMANY

**Freie University, Berlin**

Medicine, Law, Mathematics and Natural Sciences, Economics and Social Sciences, Veterinary Medicine, Philosophy.

**Fredrich-Wilhelms University, Bonn**

Agriculture, Law and Economics, Medicine, Philosophy, Maths. and Natural Sciences, Theology.

**Hamburg University**

Theology, Law, Medicine, Philosophy, Maths.

**Ludwig-Maximilians University, Munich**

Theology, Law, Political Economy, Medicine, Vet. Science.

**Technical University, Berlin-Charlottenburg**

Agriculture, Architecture and Engg. (Civ., Elec., Mech., Mining and Metallurgy).

**Technical University, Hanover**

Engg., Building Construction, Horticulture.

**Technical University, Munich**

Building, Machines and Electronics, Agriculture, Brewing.

## U.S.S.R.

**State University, Azerbaijan**

Mechanics & Mathematics, Oriental Studies, Library Science, Sciences, Geology and Geography.

**State University, Leningrad**

Mathematics & Mechanics, Science, Linguistics, Law, Oriental Studies.

**State University, Moscow**

Mechanics & Mathematics, Law, Journalism, Philosophy.

## U.A.R.

**Alexandria University**

Agriculture, Law, Medicine, Arts, Sciences, Commerce.

**University of Al-Azhar, Cairo**

Foreign Languages, Engineering.

**Ain Shams University, Cairo**

Medicine, Engg., Agriculture, Law, Commerce.

University of Minnesota, Minneapolis 14, Minnesota

Agriculture, Medicine & Dentistry, Business Administration,  
Journalism, Librarianship, Engineering.

**New York University, New York**

Law, Medicine & Dentistry, Engg., Business & Public Adminis-  
tration, Social Work, Arts & Sciences.

**Stanford University, Stanford, California**

Education, Engg., Law, Medicine, Naval Science, Food Research,  
Agriculture.

**University of Texas, Austin, 12 Texas**

Law, Social Work, Architecture, Medicine and Dentistry, Engg.,  
Arts & Sciences.

**University of Virginia, Charlottesville, Virginia**

Arts & Sciences, Medicine, Nursing, Education, Engg. &  
Architecture.

**University of Washington, Seattle 5, Washington**

Art & Drama, Physical Education, Engg., Librarianship,  
Fisheries, Forestry, Medicine & Dentistry, Law, Nursing,  
Social Work.

**FRANCE**

**University of Marseille**

Law and Economic Sciences, Letters and Human Sciences,  
Medicine & Pharmacy.

**University of Bordeaux**

Law, Medicine and Pharmacy, Letters.

**University of Paris**

Law, Medicine and Pharmacy, Sciences, Letters and Humanities.



**Ludwig-Maximilians University, Munich**

Theology, Law, Political Economy, Medicine, Vet. Science.

**Technical University, Berlin-Charlottenburg**

Agriculture, Architecture and Engg. (Civ., Elec., Mech., Mining and Metallurgy).

**Technical University, Hanover**

Engg., Building Construction, Horticulture.

**Technical University, Munich**

Building, Machines and Electronics, Agriculture, Brewing.

**U.S.S.R.**

**State University, Azerbaijan**

Mechanics & Mathematics, Oriental Studies, Library Science, Sciences, Geology and Geography.

**State University, Leningrad**

Mathematics & Mechanics, Science, Linguistics, Law, Oriental Studies.

**State University, Moscow**

Mechanics & Mathematics, Law, Journalism, Philosophy.

**U.A.R.**

**Alexandria University**

Agriculture, Law, Medicine, Arts, Sciences, Commerce.

**University of Al-Azhar, Cairo**

Foreign Languages, Engineering.

**Ain Shams University, Cairo**

Medicine, Engg., Agriculture, Law, Commerce.

**Cairo University, Cairo**

Engg., Medicine, Pharmacy, Dentistry, Agriculture, Islamic Studies, Vet. Science.

**AUSTRALIA****University of Adelaide, South Australia**

Arts, Science, Engineering, Agriculture, Architecture, Medicine and Dentistry, Law, Technology, Pharmacy.

**The Australian National University, Canberra**

Arts, Science, Law, Languages.

**University of Melbourne**

Arts, Science, Engineering, Medicine and Dental Science, Veterinary Science, Physical Education.

**University of Queensland**

Accountancy, Animal Husbandry, Engineering, Vet. Science, Medicine and Pharmacy, Languages, Arts, Science.

**University of Sydney**

Arts, Science, Engineering and Architecture, Agriculture and Animal Husbandry, Medicine and Dentistry.

*Important Institute*

**Australian Academy of Science, Canberra.**



## (D) SOME FAMOUS INSTITUTIONS AND THE COURSES THEY CONDUCT

### **The Tata Institute of Social Sciences, Devnar, Chembur.**

- 2 years post-graduate courses in Labour Welfare and Industrial Relations, Family and Child Welfare, Medical and Psychiatric Social Work, Community Organisation and Development, Social Research, Rural Welfare, Tribal Welfare, Criminology, Juvenile Delinquency and Correctional Administration.  
Fee Rs. 125 per term.

### **Research and Training School of the Indian Statistical Institute, Calcutta**

*Courses.* Associateship of the I.S.I., Statistician's Dip (Parts I & II), Computer's Cert. (Junior & Senior), Statistician's Training Course, Officers Training Course and International Statistical Education Centre Course.

### **The All India Institute of Hygiene and Public Health, Calcutta**

One year Diploma Course in Public Health (D.P.H.) for Medical Graduates. Fees Rs. 300.

One year Diploma Course in Maternity and Child Welfare (D.M.C.W.) for Medical Graduates. Fees Rs. 225.

One year Diploma Course in Dietetics for Medical Graduates. Fees. Rs. 150.

One year Diploma Course in Industrial Health (D.I.H.) for Medical Graduates. Fees Rs. 300.

One year Diploma Course in Nutrition (D.N.) Fees Rs. 300.

One year Certificate Course in Public Health Nursing for Matriculates or holders of Certificate in Nursing. Fees Rs. 250.

Six months certificate course in Public Health Engg. for Diploma holders in Civil Engg. Fees Rs. 150.

5½ months certificate course in Health Education. Fees Rs. 200.

One year course for B.E. (Civil) leading to M.E. (P.H.) i.e., Master of Engg. (Public Health). Fees Rs. 300/-.

Doctor of Science (Public Health) i.e., D.Sc. (P.H.) Course of two years. Fees Rs. 250.

Certificate in Medical Statistics Course of one year for M.A./M.Sc. (Maths. or Statistics). No fee.

Three months course of Certificate in Public Health Nursing Supervision. Fees Rs. 25 only.

Licentiate in Public Health (L.P.H.) Course.

### National Sugar Institute, Kanpur

Ph.D. & Research Courses of approx. 3 years for M.Sc. (5 seats).

Fellowship of the Institute (F.N.S.I.) Diploma Research in Sugar Engg./Tech. for B.Sc. Engg. or M.Sc. (12 seats).

Associateship (ANSI) Sugar Technology Course for B.Sc. (25 seats).

Associateship (ANSI) Sugar Engg. Course for B.E. (Mech./Elec.) (4 seats).

For Factory Staff there are short courses of Sugar Engg. Certificate Course.

Sugar Technology for Graduates with Physics, Chemistry and Maths. or Degree in Mech./Elect. Engg.

Sugar Boiling Certificate Course ; Industrial Fermentation & Alcohol Tech. Course, Manufacturing Chemist Course.

### Indian Institute of Science, Bangalore

*Aeronautical Engg.*—Research facilities for Honours Graduates.

*Metallurgy*—A three-years Course including research for 1st Class B.Sc.

*Electrical Communication Engg.*—Three years Degree Course for 1st Class B.Sc. with Physics & Maths.

*Electrical Technology Course*—Three-years Course for 1st Class B.Sc. with Physics, Chemistry and Maths.

*Research in Physics Chemistry*—Maximum five years Research for highly qualified.

*Internal Combustion Engg.*—Chemical Engg., Power Engg. Civ & Hydraulic High Voltage (*Elect./Mech.*).

The Institute awards M.Sc., Ph.D. & D.Sc. degrees besides Engg. degrees. B.E. degree courses in Metallurgy, Electrical Technology and Electrical Communication Engg.

Master of Engg. (M.E.) degree courses in Aeronautical Engg., Internal Combustion Engg., Automobile Engg., Power Engg. (*Elect./Mech./Civ.* and Hydraulic/High Voltage); Foundry Engg., Soil Mechanics and Foundation Engg., Electrical Communication Engg. with four electives viz., Electronic Engg., Ultra-short and Microwave Engg., Line Communication Engg., and Acoustical Engg.

*Part Time Courses*—In Industrial and Production Engg. and Industrial Administration.

### Madras Institute of Technology, Chrompet, Madras

Three years Diploma Courses in (i) Aeronautics (ii) Automobile Engineering (iii) Electronics (iv) Instrument Technology.

The Diploma is equivalent to Degree of other Universities.



**The Indian Institute of Technology at Kharagpur, Bombay,  
Madras & Kanpur**

Seven Regional Colleges at Mangalore, Warangal, Nagpur, Bhopal, Durgapur, Jamshedpur, Srinagar, Allahabad & Delhi.

*Civil Engg* — 3 years Diploma I Certificate Course for SSc., 4 yrs dip. course in *Civil & Sanitary Engg.*, 3 years course in *Civil & Rural Engg.* approved by National Council of Rural Higher Education and 2 yrs. certificate course in *Civil Draughtsmanship and Estimating*.

Sir J.J. College of Architecture conducts two years course in *Town Planning and Valuation Course* for diploma holders in Civil Engg.

**Institute of Vocational Guidance, 3, Cruickshank Road, Bombay**

*Career Masters Course* for Trained graduates (B.T.)

*Teachers Counsellors Course* for B.T. plus Career Masters course or M.Ed. with Vocational Guidance.

**Indian Council of Agricultural Research, New Delhi**

Certificate course in Livestock Marketing (6 months). No fee.  
Post-graduate Course in Animal Husbandry, Agri. Statistics in A.H. and Agri. Statistics.

Certificate Course 5 months and Diploma 16 months. No fee.

A Course in A.H. and Agri. Statistics. Two terms of 4½ months each. No fee.

Diploma Course in Sheep Husbandry and Wool Production. (one year).

**Veterinary Science Courses—Indian Veterinary Research  
Institute, Izatnagar**

Post-graduate Refresher Course in Vet. Science for 6 months.

Dip. in Tropical Vet. Sc. (D.T.V.Sc.) for 2 years.

Advanced Courses in Animal Husbandry for 8 months.

Advance Courses in Poultry Husbandry for 6 months.

Course of Training in the Technique of manufacture of Sera Vaccines for 9 months.

Advance Course in Artificial Insemination and Physiopathology of reproduction for 6 months.

Associateship of the Indian Vet. Research Institute, Izatnagar.

2 year Post-graduate Trg

Post-graduate Course in the Technique of Manufacture of Biological Products.

Stipendiary Research Scholarships are awarded for research work.

**Indian Veterinary Research Institute, Mukteshwar**

Associateship of I.V.R.I.

Cert. in Advanced Course in Animal Husbandry.

Cert. in Advanced Course in Manufacture of Sera and Vaccine.

Post-Graduate Refresher Course in Vet. Sc.

**The National Dairy Research Institute, Karnal (Ph.)**

Honorary Research Workers Course for 2 years to B.A./B.Sc. for M.Sc. and to M.A /M.Sc. for Ph.D.

Degree Course in Dairying for 3 years to F.Sc.

Associateship of the Institute for 2 years to Degree Holders in Dairying.



## (E) PROFESSIONAL INSTITUTES FOR POSTAL COURSES

- Royal Society of Arts, John Adam St., Adelphi, London W.C. 2.  
 Institute of Arts in Industry 15, Park St., Calcutta-16.  
 Institution of Automobile Engineers, 12, Hogart Place, London.  
 Institution of Mechanical Engineers, Storey's Gate, St. James Park  
 London S.W. 1.  
 Institution of Fire Engineers, 2, Millbank House, Great Peter St.  
 London S.W. 1.  
 The British Institution of Radio Engrs, 9, Bedford Square, London  
 Royal Institute of British Architects, 66, Portland Place, London.  
 Architects Registration Council of U.K. 68, Portland Place,  
 London W.1.  
 City and Guilds Deptt. of Technology 3, Brechin Place, South  
 Kensington, London S.W. 7.  
 The Advertising Association, Ludgate House, 110-11 Fleet St.,  
 London E.C. 4.  
 The London Institute of Costs and Works Accountants 63,  
 Portland Place, London W.1. Conducts three exams Prep,  
 Intermediate and Final.  
 The Institute of Book-keepers, 3, St. Helen's Place, Bishop's  
 Gate, London E.C. 3  
 The Institute of Engineers (India) 3, Gokhale Road, Calcutta.  
 Institute of Civil Engineers, Great George St., Westminster  
 London S. W. 1.  
 Institute of Builders, 48 Bedford Square, London W.C.1.  
 Building Societies Institute, 14, Park St., London W. 1.  
 Institute of Municipal Engineers, 84 Eccleston Square, London,  
 Institute of Structural Engineers, Upper Belgarve St., London.  
 Institute of Chemical Engrs, 56, Victoria St., London S.W. 1.  
 Royal Aeronautical Society, 4, Hamilton Place, London W. 1.  
 Indian Institute of Chemical Engineers. 5/2 Garstin Place,  
 Calcutta enrolls Student members, Graduate members, Asso-  
 ciate members and Members.  
 Institute of Transport, 80, Portland Place, London.  
 Institute of Chartered Accountants of England Wales,  
 Moorgate Place, London, E.C. 2.  
 The Societies of Chartered Accountants of Scotland, 142, St.  
 Vincent St. Glasgow.  
 The Association of Certified and Corporate Accountants, 22  
 Bedford Square, London.  
 The Institute of Municipal Treasurers and Accountants, 1,  
 Buckingham Palace, Westminster, London, S. W. 1.

- Institute of Costs and Works Accountants, 23, Queen Square, London W. C. 1.
- Institute of Actuaries, Staple Inn Hall, Holborn, London.
- All India Veterinary Association, 26, Wallajah Road, Mount Road P.O. Madras.
- Bombay Natural History Society 114, Appollo St., Bombay.
- Indian Association for Cultivation of Science 210, Bow Bazar St., Calcutta.
- The Royal Institute of Chemistry, 30, Russell Square, London.
- The Chemical Society, Piccadilly, London, W. 1.
- The Library Association, Chancery House, Malet Place, London.
- The Library Association of India.
- Institute of Industrial Administration, Management House, 8 Hill St., London W.1.
- The Indian Institute of Personnel Management 15, Port St., Calcutta.
- The Institute of Engineers, 8, Gokhale Road, P.O. Box 669, Calcutta-20 holds Studentship examination (2) Associate membership examinations.
- The Indian Life Assurance Offices Association.
- The Indian Society of Engineers. 12, Netaji Subhash Road, Calcutta-1. (Matriculates for Associate membership).
- The Indian Merchant Chamber, Bombay (Advertising & Banking).
- London Chamber of Commerce, Cannon St., London.
- (Single subject certificate) (Exams. in Insurance, Banking, Advertising).
- The Incorporated Sales Managers Association 23, Bedford Square, London, W. C. 1 holds two exams. awarding (G.S. M. A. & A. S. M. A.).
- Chartered Insurance Institute, 20, Aldermanbury, London.
- The Corporation of Insurance Brokers, 3 St., Helen's Place London E. C. 3.
- Association of Average Adjusters, 70, Old Broad St., London.
- The Association of Practising Accountants, O'Connell St., Sydney, Australia is open for membership—Fellows, Associates & Licentiate. Holds three exams., Prep, Inter & Final.
- The International Corporation of Secretaries 10 O'Connell St., Sydney, Australia.
- Institute of Taxation, Cliffards Inn, Fleet St., London E. C. 4 conducts exams. for candidates above 19 years.
- Trinity College of Music, London conducts exams. for Western classical music and awards Junior & Senior certificates.
- The London School of Dietetics, 1, Ridgmount St., W. C. 1 has a correspondence course on Nutrition & Catering.
- The Pharmaceutical Society of Great Britain, 17, Bloomsbury Sq., London W. C. 1.
- The Royal Institute of Chemistry, 30, Russell Square, London.
- The Chemical Society, Burlington House, Piccadilly, London.
- Institute of Industrial Administration, Management House, 8 Hill St., London, W. 1. (Certificate exam. in Foremanship and Supervision).



- The Institute of Secretaries, 16, George St. Mansion House,  
London, E. C. 4. (E.C.I.S., F.C.I.S.)
- The International Corporation of Secretaries, 10, O'Connell St.  
Sydney, Australia. (F. I. C. S. A. I. C. S. L. I. C. S.)
- Advertising Association 110, Fleet St. Sondon (Advertising).
- Institute of Incorporated Practitioners in Advertising, 3, Clements  
Inn London W.C. 2 (Advertising).
- Institute of Bankers Imperial Bank Bldg. Appolo St. Bombay.
- Institute of Bankers, 11 Birchin Lane London E.C. 3.
- Chartered Institute of Secretaries 16, George St. London E.C. 4.
- Corporation of Certified Secretaries, 28, Fitzroy Sq. London W. 1.
- Faculty of Secretaries, 35, Weston Road, Guilford England.
- Royal Aeronautical Society, London.
- The Society of Chemical Industry, 56, Victoria St. London.
- The Society of Public Analysts, 79 Ideal Lane, London.
- The British Association of Chemists, 175, Picadilly, London.
- The Indian Chemical Society, 92, Upper Circular Road,  
Calcutta 9.
- Indian Botanical Society, Royal Institute of Science, Mayo Road,  
Bombay.

## (F) UNION PUBLIC SERVICE COMMISSION EXAMS.

### (Recruitment by Competitive Examinations)

1. The Union Public Service Commission conduct the following competitive examinations :—

A. The Indian Administrative Service etc., Examination for recruitment to :—

(i) The Indian Administrative Service, (ii) The Indian Foreign Service, (iii) The Indian Police Service, (iv) The Indian Audit and Accounts Service, (v) The Military Accounts Department, (vi) The Indian Railway Accounts Service, (vii) The Indian Customs and Excise Service, (viii) The Income-Tax Officers (Class I, Grade II) Service, (ix) The Transportation (Traffic) and Commercial Departments of the Superior Revenue Establishment of Indian Railways, and (x) The Indian Postal Service (Class I)

N.B.—Recruitment to the Military Lands and Cantonments Service, Class I and II, and the Central Secretariat Service, Grade III Assistant Superintendents (Class II Gazetted) is also made on the results of this examination.

B. The Engineering Service Examination for recruitment to—

(i) The Central Engineering Service, Class I, (ii) The Central Engineering Service, Class II, (iii) The Central Electrical Engineering Service Class I, (iv) The Central Engineering Service Class II, (v) The Indian Railway Service of Engineers, (vi) The Signal Engineering Department of the Superior Revenue Establishment of Indian Railways, (vii) The Electrical Engineering Department of Superior Revenue Establishment of Indian Railways, (viii) The Telegraph Engineering Service, Class I, (ix) The Mechanical Engineering and Transportation (Power) Department of the Superior Revenue Establishment of Indian Railways Examination, (x) The Military Engineering Service, Class I, (xi) Indian Ordnance Service Class I, and (xii) The Telegraph Traffic Service Class II.

C. The Survey of India Examination for recruitment to :—

(i) The Survey of India, Class I, and (ii) The Survey of India, Class II.

D. Special Class Railway Apprentices Examination.

E. The Defence Services Examinations :—

(i) The examination for recruitment to the Joint Services Wing



of the National Academy, Khadakwasla, (ii) The examination for recruitment to the Military Wing of the National Defence Academy, Dehradun, (iii) The examination for recruitment to the Commissioned Ranks of the Indian Navy, (iv) The examination for recruitment to the Air Force Academy of the Indian Air Force, and (v) Army Medical Corps Exam.

#### F. The Ministerial Services Examinations :—

(i) The examination for recruitment of Assistants in the Government of India Secretariat and its Attached offices, (ii) The examination for recruitment of Third Division Clerks in the Government of India Secretariat and its Attached offices, and (iii) The examination for recruitment of Stenographers in the Government of India Secretariat and its Attached offices (open to candidates already serving as such).

*Note*—Besides, the Commission also conduct annually a selection for recruitment of Special Apprentices in the Mechanical Engineering and Transportation (Power) Departments of the Superior Revenue Establishment of Indian Railways.

#### G. Question Papers.

(i) Pamphlets containing the question papers, reports of examiners, review and table of results of each of the public competitive examinations conducted by the Federal (now Union) Public Service Commission are on sale by the Manager of Publications, Civil Lines, Delhi, and may be obtained from him direct. The pamphlets for examination held in 1948 and afterwards are printed in two parts : Part I containing the Rules and Question Papers, and Part II containing the Results and the Review.

(ii) Besides these annual pamphlets, pamphlets containing the question papers in certain related groups of subjects during a period of two or three years for some examinations are also available from the Manager of Publications, Civil Lines, Delhi.

H. The regulations, etc., for recruitment to the State Civil Services and the Subordinate Services are obtainable from the State Governments and the administrations concerned, and enquiries on the subject should be addressed to those authorities.

#### I. Examination Dates and other information.

(A) The Examination open to graduates is generally held once a year in Sept./Oct. The age limit for Indian Police Service is 20 to 24 and for other services 21 to 24 years on first August. Examination fee Rs. 82/50 P. (Rs. 20/62 P. for Scheduled Castes and Scheduled Tribes).

(B) The examination open to degree holders in engineering is held once a year in December. The age limit for vi & vii is 21 to 25 years and for other services 20 to 25 years on First August—Examination fee as in (A).



(C) The examination open to graduates with Mathematics as one of the subjects or a degree in engineering is held once a year in Nov./Dec. The age limit is 20 to 25 years on First August. Examination fee as in (A) & (B).

(D) The examination open to first or second division Intermediates with Maths. and Physics and/or Chemistry is held once a year in June. The age limit is 16 to 19 years on Third August of the year preceding the year of examination.

(E) (i) The examination of Joint Services Wing of the Defence Services open to matriculates is held twice a year in June and December. The age limit is 14 to 16½ years on 1st June and 1st July respectively for the two exams. Exam fee is Rs. 37/50 P. (Rs. 9/37 P. for Scheduled castes and Scheduled Tribes).

(ii) The Examination to the Military Wing of National Defence Academy open to Intermediates is held twice a year in May and November. The age limit is 17 to 20 years on the 1st Jan. and 1st July respectively. Exam. fees as in (E) (i).

(iii) The Exam. for Air Force College open for matriculates between 17 and 21½ years is held in the year when some vacancies fall. Announcement is made by U.P.S.C. Exam. fees as above.

(iv) The Exam. for Special Entry Cadets in the Indian Navy open to Intermediates is held twice a year in July and December. The age limit is 17 to 19 years on 1st July for July exam. and 16 to 18 years on 1st Jan. for December exam. Exam. fees as above.

(F) Army Medical Corps Examination open to medical personnel held once a year in July. Maximum age limit of a candidate should be 28 years on 15th December. Examination fee is Rs. 50 (Rs. 12.50 P. for Scheduled Castes & Scheduled Tribes).

(G) (i) Assistants Grade Examination open to graduates above 20 years is held once a year in December-January. Exam. fee is Rs. 30 (Rs. 7-50P. in case of Scheduled Castes etc.).

(ii) Lower Division Clerks exam. open to matriculates above 17 years is held once a year in June. Examination fee is Rs. 15 (Rs. 3.75 P. for Scheduled Castes etc.).

(iii) Stenographers Exam. open to matriculates is held once a year in July. The age limit is 18 to 24 years on 1st January. Examination fee is Rs. 7.50 P. (Rs. 1.87 P. for Scheduled Castes etc.).

### Provincial Public Service Exams.

Madras Public Service Commission (Recruitment to Group III Service).

Junior Inspectors in Madras Co-operative Subordinate Service.

Sub-Registrars in Madras Registration Subordinate Service.

Sub-Inspectors & Asst. Fishery Demonstrators in Madras Fisheries Subordinate Service.



Provincial Public Service Commission exam. to recruit Deputy Collectors (age limit 24) & Deputy Suptd. of Police.  
 Madras Co-operative Service (Age 25).  
 Madras Registration Service (Age 25).  
 Provincial Superior Forest Service—Madhya Pradesh.  
 Survey of India Class II (Age limit 19—24 years). Harijan 27 yrs. Departmental 28 yrs.  
 Madras Commercial Tax Service.  
 Madras Co-operative Subordinate Service.  
 Madras Local Fund Audit Subordinate Service.  
 Madras Registration Subordinate Service.  
 Madras Secretariat Service.  
 Madras Ministerial Service (Probationary Revenue Inspectors, Audit Clerks).  
 Bombay State Transport Recruitment—Superior Services.  
 Railway Service Commission, Churchgate, Bombay holds exam. for recruitment as Sectional Controllers, Asst. Inspectors and Yard & Station Staff between 20—24 years.  
 Bombay Public Service Commission holds exam. for appointment of Supervisor in English Branch of the office of Examiner of Books & Publications, Bombay for M A. in English above 35.  
 Translators to the Legal Translation Bureau of State.  
 Accountant General, Madras holds exam. for recruiting Divisional Accountants.

### **Bombay P. S. C. Exams.**

Bombay Service of Engineers, Class I and II.  
 Posts of Mamlatdars.  
 Posts of Distt. Inspector of Land Records.  
 Posts of Deputy Suptd. of Police.  
 Ministerial Posts in offices of the Govt. of Bombay in Greater Bombay, including posts of Junior Assistants, Stenographers and Typists.  
 Superior Forest Service Course for eventual appointment to the post of Probationary Assistant Conservator of Forests in the Bombay Forest Service Class II.

### **Posts Recruited through Competitive Exams. held by State Public Service Commissions**

State Civil Service (Executive and Judicial Branches), State Police Service, State Accounts Service, State Forest Service, State Judicial Officers Service, Naib Tehsildars and Peshkars, Secretariat Service, Upper Grade and Lower Grade, Sub-Registrars, Law Inspectors, Sub Inspectors of Police, Prosecuting Inspectors, Superintendent of Jails, Jailors and Deputy Jailors, Probation Officers, Public Analysts to Govt., Chemical Examiners, Fire Officers, Medical Service, Distt. Medical Officers, School Health Officers, Vaid and Hakims, Drug Inspectors, Nurses and Matrons, Engineers, Civil,

Mechanical, Electrical & Water Workers, Electricians, Overseers & Sub-Overseers, Radio Engineers, Deputy Director of Industries, Industrial Chemist, Research Chemist, Glass Technology, Development Officers, Planning, State Educational Service and Subordinate Educational Service, Librarians, Translators, Hosiery & Tailoring Instructors, Chief Instructor, Labour Commissioners, Labour Officers, Welfare Superintendents, Statistical Assistants, Inspector of Factories, Excise Inspectors, Marketing Officers, Sales Tax Officers and Inspectors, Entertainment and Betting Tax Inspectors, Publicity Inspectors, Rationing Officers, Agricultural Service, Dairy Officers, Supervisor Qanungos, Farm Officers, Cane Officers, Curators, Oil Seed Specialists, Economic Botanists, Veterinary Officers, Asstt. Registrar Cooperative Societies, Cooperative Inspectors, Officers of the Colonisation Department, Transport Officers, Regional Inspectors & Asstt Reg. Inspectors in the Transport Department, Local Fund Audit Service, Municipal Service, Corporation Service, District Board Service, Stenographers, Assembly Reporters, Superior and Subordinate Services of the Legislative Assembly etc.



## (G) FAMOUS DEPARTMENTAL EXAMS.

### Chartered Accountant

The Institute of Chartered Accountants of India ° 98-102 Gurdwara Road Hutments, Talkatora Road, New Delhi has the highest accountancy qualifications in India *i.e.* Fellowship (F.C.A.) and Associateship (A. C. A.). The Institute conducts two exams. First and the Final in two groups each. Intermediates or diploma holders above 16 years can enter into articles or audit service.

Graduates and holders of All India Diploma in Commerce take 4 years under Articles and 8 years as Audit Clerks.

Graduates with Accountancy, Auditing and Mercantile Law or Commercial Law or graduates with 60% marks take 3 years under Articles and 6 years as Audit Clerks.

Those who have passed G.D.A. exam. take 3 years under Articles and 6 years as Audit Clerks.

Others take 5 years under Articles and 9 years as Audit Clerks.

Registration fee Rs. 30 with the Deed of Articles and Rs. 20 for Audit Service. Refundable premium is fixed at Rs. 3000 and Re 1 as maximum and minimum premia.

The First and Final Examinations are usually held twice a year in May and November at Delhi, Bombay, Calcutta, Madras, Allahabad, Poona, Hyderabad and Waltair.

Exemption from the first examination is granted to graduates with accounting, auditing and Mercantile or Commercial Law or the holders of All-India diploma in Commerce.

Non-exempted students will have to pass the degree examination before appearing for the First examination of the Institute. The examination fee for the First exam. is Rs. 50.

The Final examination is held at the end of the period of articles on payment of Rs. 75 as examination fee. Successful candidates are eligible for election as Associates of the Institute (A.C.A.) on payment of Rs. 300 as enrolment fee. An Associate will be eligible for election as Fellow (F.C.A.) after five years of continuous practice.

### Cost and Works Accountant

The Institute of Cost & Works Accountants of India, 6, Hasting

Street, Calcutta conducts two exams. Intermediate and Final in Jan. and July. Intermediates can register as a student of the Institute on payment of Rs. 50 in April and Rs. 15 annual subscription. Examination Fee for Intermediate exam. is Rs. 15 for one group and Rs. 40 for three groups and for the Final Rs. 25 for one group and Rs. 60 for three groups. Candidates above 21 years who have passed both the exams. of the Institute and have at least three years experience of cost accountancy can become Associates (A.I.C.W.A.). Associates after five years and having held the position of Chief Cost Accountant can become Fellows (F.I. C.W.A.).

#### **S. A. S. Exam.**

The Comptroller and Auditor-General India, New Delhi selects through exam. graduates with honours or distinction below 25 for appointing apprentices to the Subordinate Accounts Service of the Indian Audit Department. During training they get Rs. 150 PM plus allowances and later on Rs. 200—500.

#### **Banking**

The India Institute of Bankers, State Bank of India Building, Appollo Street, Fort, Bombay holds two exams. (Part I and II) for Matriculate bank employees. On successful completion of two parts it awards certificate A.I.I.B.

Delhi Polytechnic, Delhi prepares students for Part I.

#### **D. Com. of Indian Merchants Chamber**

Indian Merchants Chamber, Fort Bombay holds exams. in May each year. There are five groups :—Accountancy, Banking Insurance Secretarial and Business Organisation. Successful candidates are entitled to the Dip. D. Com. (I.M.C.).

#### **Chamber of Commerce Exam.**

The London Chamber of Commerce, 69, Cannon St., London conducts exams. in India for (a) Elementary Stage (b) Certificate Stage (c) Higher Stage and awards L.C.C. certificate.

#### **All India Diploma in Commerce and Business Administration**

Delhi Polytechnic, Delhi has full time 3 years course equivalent to B. Com. of the Indian Universities. There is a part time 3 years Certificate Course. Holders of All India Dip. in Commerce with Advanced Accountancy and Auditing can practice as Income Tax Practitioners.

#### **Examination of the Institution of Engineers (India)**

The only recognised chartered body of engineers in India conducts two types of exams., i.e. Studentship and Associate Membership



(Section A and B) equivalent to B.E. Degree. A and B Examinations in 3 years.

F.Sc. above 18 years preferably a diploma holder in Engg. and engaged in Engg. job can appear for section A and B.

Below F.Sc. and engaged in Engg. job has to pass Studentship Examination of the Institution.

Exam. First Week of Nov. and May each year.

*Fees*—Rs. 10/- Entrance Fee for Studentship.

Rs. 20/- Annual Fee.

Rs. 50/- Exam. Fee for each Section.

Applications to be made to the Council of the Institution of Engineers, 8, Gokhale Road, P.O. Box 669, Calcutta-20.

### Actuaries Exam.

Institute of Actuaries, Staple Inn Hall, Holborn, London conduct one preliminary exam. in Eng. and Math. for the students who have aptitude for Maths. who have later on to pass four exams. before a fellowship is awarded. Mathematics Honours Graduates are exempted from the preliminary test. The Institute has a tutorial Service on this Course.

Faculty of Actuaries, 2,3, St. Andrews Square, Edinburgh, U.K.

### Local Self Govt.

University of Allahabad—1 year Postgraduate Course.

University of Nagpur—diploma course.

*Profession of Company Secretaries.* Deptt. of Company and Administration, Min. of Commerce & Industry (Govt. of India), Reserve Bank Bldg., Parliament Street, New Delhi conducts two exams. (Intermediates & Final). Intermediates will be admitted for Preliminary Exam. Graduates of any University, holders of National Diploma in Commerce Exam. by All India Council of Technical Education or Chartered Accountants or Cost and Works Accountants can be exempted from Preliminary Exam. The candidates who have passed the Intermediate Exam. of Chartered Institute of Secretaries or of the Corporation of Secretaries of London can be exempted from Intermediate Exam. also. No one can be exempted from Final Exam.

*The Institute of Secretaries.* Faculty of Secretaries, North Street, Guilford, England. The Institute of Secretaries 16, George St., Mansion House, London, E.C. 4 conducts Preliminary, Intermediate and Final Exams. and awards E.C.I.S. and F.C.I.S. Certificates to enable the candidates to become Chartered Secretary in Joint Stock Companies and Public Bodies.

*The International Corporation of Secretaries* 10, O' Cannell St. Sydney, Australia holds Exams. and awards F.I.C.S., A.I.C.S., L.I.C.S.

### Secretarial Practice

Gauhati University—2 years Dip Course.  
Delhi Polytechnic—1 year (for girls only).

### Insurance

The Indian Life Assurance Offices Association, Industrial Assurance Building, Churchgate, Bombay holds exams. for junior workers in Insurance Companies for 'Field Worker's Certificate'. The higher exam. is 'Diploma in Insurance'. Part II exam. leads to 'Senior Certificate in Life Assurance' and Part III leads to Diploma in Life Insurance.

The Indian Merchants Chamber, Back Bay Reclamation Fort, Bombay holds an exam. leading to Diploma in Insurance in Life, Fire, Accident or Marine branches.

London Chamber of Commerce holds exams. on Banking & Insurance.

Chartered Insurance Institute, 20 Alder manbury, London E.C. 2.

The Corporation of Insurance Brokers 3 St., Helen's Place, London E.C. 3.

Association of Average Adjusters, 70 Old Broad St. London E.C. 2.

### Statistics

Indian Statistical Institute Barrackpore, Calcutta offers six months short courses (Junior & Senior). M. Statistics of the Institute is of two years duration open to B.Sc. (1st or high 2nd class) with maths.

One year evening course is open to degree holders 'Government servants with one year experience of statistical work at Central Statistical Organisation, Delhi and Manubhai Mansion, 186, Sir Pherozechah Mehta Road, Bombay-1.



## INFORMATION FOR INDIAN STUDENTS GOING ABROAD

### Commencement of Session

In the *U.S.A.* the academic year in most cases is divided into two semesters beginning in September and January respectively. In some cases three semesters—Sept. January & March. Most institutions have summer sessions beginning in the middle of June. Students are advised to join September.

In *Germany* two semesters Summer in May and Winter beginning in November. In Technical institutions candidates are admitted for the first time only during the winter semester.

In *U.K.* practically all the universities/colleges begin their academic year in Sept. or October.

Australia	First Week of March	Japan	First Week of April
Austria	" " October	Netherlands	" " September
Belgium	" " October	Poland	2nd Week of October
Canada	" " September	Sweden	1st Week of September
Czechoslovakia	" " October	Switzerland	2nd Week of October
France	" " November	Yugoslavia	First Week of Sept.
Italy	" " November		

Applications should reach well in advance in Indian High Commissioner's office in that country where you want to study.

Last dates for applications to reach the High Commission of India in London are as follows—

**Oxford and Cambridge Universities**—30th Sept. preferably 31st July.

### London University

Bedford College—Undergraduate 17th Nov.

Bedford College—Post Graduate 1st Jan.

Birkbeck College 1st June.

Imperial College of Science & Technology—Undergraduate

10th Dec.

Imperial College of Science & Technology—Post graduate

1st Apr.

- King's College—Faculty of Medicine 31st Oct.
- King's College—Other Faculties 31st Dec.
- London School of Economics—1st Degrees and Diploma 1st Jan.
- London School of Economics—Certificate in Social Science & Administration 1st March.
- London School of Economics—Cert. in Mental Health 31st Jan.
- London School of Economics—Personnel Management Course 1st Mar.
- London School of Economics—Business Administration Course (one year) 1st Apr.
- London School of Economics—Post-graduate course 1st Apr.
- Queen Mary's College—31st Jan.
- School of Oriental and African Studies—Post graduate Course 6 months before the admission is desired, 1st Degree Course, 31st Dec.

**Bristol University**—1st Feb.

**Birmingham University**—31st Mar.

**Durham University**

(a) King's College, New Castle Upon Tyne—31st Jan.

(b) Sunderland Technical College—31st Mar.

**Leeds University**—30th June.

**Liverpool University**—1st Jan.

**Manchester University**—31st Mar.

**Manchester College of Technology**—31st Mar.

**Nottingham University**—31st Dec.

**Reading University**—one year in advance.

**Southampton University**—31st Mar.

**Sheffield University**—31st Mar.

**University of Wales**

All Constituent Colleges—1st Dec. of the preceding year.

## Scottish Universities

**Edinburgh University**—31st May.

**Royal College of Science & Technology, Glasgow**—31st Jan.

**Scottish College of Commerce**—31st May.

**St. Andrews University**—30th June.

**Aberdeen University**—30th April.

**Dundee Technical College** }  
**Northern Ireland University** } —31st March.

**Queen's University of Belfast**—1st Sept. of the preceding year.



**University of Dublin—Law—31st Mar.**

**University of Dublin—Medical Science—30th Apr.**

**University of Dublin—Arts—1st Oct. of preceding year.**

**National University of Ireland—Middle of Sept. of the preceding year.**

**Foreign Exchange—**Permissible for all graduate and post graduate courses in arts, science or technical subjects the only exception being the medical subjects.

**How to Apply—**Contact the Secretary of Students Advisory Bureau or Information Board of any university for form or write to the Education Deptt. in the Indian Embassy in the country you want to apply.

**Documents to accompany application forms—**are generally (1) birth certificate (2) copies of Certificates/diplomas & degrees (3) certificate of medical fitness (4) certificates of guarantee of financial arrangement (5) Three photographs of passport size (6) knowledge of French or German if going to those countries.

**Part-time jobs—**Neither it is advisable to take up part-time jobs nor any assurance is given in that respect. But students generally do manage to get part-time jobs abroad.

**Residence—**Either the University or the Foreign Students Section in every university helps to get accommodation to the students at reasonable rate.

### **Cost of Study and Residence**

Austria—Rs. 350 to 400 per month.

Australia—400 to 500 per month.

Germany about Rs. 500 per month.

Japan Rs. 350 to 500 p.m.

France 500 to 600 p.m.

Switzerland Rs. 600 to 700 p.m.

U.K. Rs. 325 to 350 per month.

U.S.A./Canada 12000 to 15000 per year.

Atleast a thousand rupees a month.

**Passport—**For passport apply the regional passport officer of your region—Following is the list of regional offices.

Area	Regional Passport Office
J. & K., Punjab, Delhi, Himachal Pradesh and Rajasthan.	Old A.G.C.R. Bldg., Block Hutments 1-E7, 2-E7 Curzon Road, N. Delhi.
Assam, Bihar, West Bengal, Manipur, Orissa and Tripura.	4, Brabourne Road, Calcutta.

## Area

## Regional Passport Office

Madras, Andhra Pradesh,  
Mysore, Kerala, Andaman and  
Nicobar Islands & Laccadive,  
Amindive & Minicoy Islands.

42, Mookur Nallamatu Chetty  
Street, Madras.

Madhya Pradesh & Uttar  
Pradesh.

Capital Bldg., Vidhan Sabha  
Marg, Hazratganj, Lucknow.

Gujarat and Maharashtra.

Army and Navy Bldg., 148,  
Mahatma Gandhi Road, Bombay.

*Passage*—A list of tourist agencies is given below to book your  
passage or air travel well in advance.

M/s. American Express Co. Inc., Oriental Building, 364,  
Dadabhai Naoroji Road, P.O. Box No. 507, Bombay-1.

M/s. Thos. Cook and Son, Cook's Bldg., Dadabhai Naoroji Road,  
Bombay-1.

The Orient Express Co. Ltd., 70 Janpath, New Delhi.

M/s. Jeena and Co., 10, Veer Nariman Road, P.O. Box No. 849,  
Bombay-1.

M/s. Lee and Muirhead (India) Ltd., 12, Rampart Row, Fort,  
Bombay.

M/s. Trade Wings Ltd., Travel Agents, 30, Rampart Row, Fort,  
Bombay-1.

M/s. Trade Wings (Calcutta) Ltd., 15, Old Court House Street,  
Calcutta-1.

M/s. Balmer Lawrie & Co., Ltd., 21, Netaji Subhash Road,  
Calcutta-1.

M/s. Mercury Travels (India) Ltd., Grand Hotel, Post Box  
No. 925, Calcutta-1.

M/s. Ram Mohan & Co. Ltd., The National Travel Services,  
P.O. Box No. 1723, Madras-1.

M/s. Bharat Travel Service Ltd., Tourist Agents, 310/311, Linghi  
Chetty Street, Madras-1.

M/s. Iyer and Son Ltd., India Bldg., Connaught Place, New  
Delhi-1.

M/s. Cox and King (Agents) Ltd., Post Box No. 398, Lloyds Bank  
Building, Bombay-1.

Grindlays Bank Ltd., Post Box No. 98, Mint Road, Bombay-1.

G. Raghunathmull Bank Ltd., Tourist Agents, Hyderabad.

M/s. Jummalal Sons Ltd., (Hind Musafir Agency) Jehangir Wadea  
Bldg., 15, Mahatma Gandhi Road, Bombay-1.

The Indian Travel Corporation Ltd., Bans-Phatak and Banaras  
Cantt., Banaras.

M/s. Air Freight Ltd., 'Adelphi,' 3, Queen's Road, Bombay-1.

M/s. Globe Travels, 11-H, Connaught Circus, New Delhi.

M/s. N. Jamanadas & Co., Travel Agents, 16, Bank Street, Fort,  
Bombay.

M/s. Asiatic Travel Service. P.O. Box No. 1568, 12, Murzban  
Road, Fort, Bombay-1.



M/s. National Travel Agency, Mercantile Bldg., 9-10, Lal Bazar, Calcutta-1.

M/s. Saha and Rai Travels Ltd., Hotel Ambassador, New Delhi.

**Money and Foreign Exchange:**—A limited amount in cash and rest in the form of travellers' cheques or Bank drafts from your bank or from travel agents. A student in U.K. or other soft currency areas gets Rs. 8000/- and a trainee upto Rs. 12000/- p.a. while in America etc. a student gets Rs. 12500/- other than the fees and a trainee upto Rs. 20,000 per annum less the amount of any stipend if sanctioned. For foreign exchange apply to the Asstt. Controller, Exchange Control Deptt. through the nearest branch of Reserve Bank after you have received the information of your admission in a foreign university as that original letter with two copies is to be attached with.

### The Rate of Exchange

<i>Country</i>	<i>Currency Unit</i>	<i>Rate per Rs. 100</i>
Austria	Austrian Schilling	546
Australia	Australian Pound	9.375
Belgium	Franc	1050
Canada	Canadian Dollar	20.85
Denmark	Danish Krona	145.05
France	Franc	7876
Italy	Lira	677.24
Germany	D. Mark	88.2
Japan	Yen	7560
Switzerland	Swiss Franc	90
United Kingdom	Pound Sterling	7.5
U.S.A.	U.S.A. Dollar	21

The cost of living in Dollar area is higher than in sterling area. Soft currency area—U.K. etc.

Hard currency areas—U.S.A. etc.:

Minimum qualifications for admission in U.K. are graduate; while in U.S.A. and Germany etc. are Intermediate.

**For Practical Training.**—For practical training up to the level of Foreman, contact Ministry of Labour, Govt. of India, New Delhi, direct. In case one desires higher industrial/practical training facilities beyond the level of Foreman and Supervisor, then get in touch with the Ministry of Commerce and Industry, Govt. of India, New Delhi, direct. The Ministry of Education does not entertain such applications.

**General Instructions.**—(a) Inform the Indian mission about your date of arrival etc. Keep yourself in constant touch throughout your stay in that country with the Indian mission.

(b) Get yourself insured at once with the Health Insurance Scheme of that country. In U.K. they have National Health Scheme.

Area	Regional Passport Office
Madras, Andhra Pradesh, Mysore, Kerala, Andaman and Nicobar Islands & Laccadive, Amindive & Minicoy Islands.	42, Mookur Nallamatu Chetty Street, Madras.
Madhya Pradesh & Uttar Pradesh.	Capital Bldg., Vidhan Sabha Marg, Hazratganj, Lucknow.
Gujarat and Maharashtra.	Army and Navy Bldg., 148, Mahatma Gandhi Road, Bombay.

*Passage*—A list of tourist agencies is given below to book your passage or air travel well in advance.

- M/s. American Express Co. Inc., Oriental Building, 364, Dadabhai Naoroji Road, P.O. Box No. 507, Bombay-1.  
M/s. Thos. Cook and Son, Cook's Bldg., Dadabhai Naoroji Road, Bombay-1.  
The Orient Express Co. Ltd., 70 Janpath, New Delhi.  
M/s. Jeena and Co., 10, Veer Nariman Road, P.O. Box No. 849, Bombay-1.  
M/s. Lee and Muirhead (India) Ltd., 12, Rampart Row, Fort, Bombay.  
M/s. Trade Wings Ltd., Travel Agents, 30, Rampart Row, Fort, Bombay-1.  
M/s. Trade Wings (Calcutta) Ltd., 15, Old Court House Street, Calcutta-1.  
M/s. Balmer Lawrie & Co., Ltd., 21, Netaji Subhash Road, Calcutta-1.  
M/s. Mercury Travels (India) Ltd., Grand Hotel, Post Box No. 925, Calcutta-1.  
M/s. Ram Mohan & Co. Ltd., The National Travel Services, P.O. Box No. 1723, Madras-1.  
M/s. Bharat Travel Service Ltd., Tourist Agents, 310/311, Linghi Chetty Street, Madras-1.  
M/s. Iyer and Son Ltd., India Bldg., Connaught Place, New Delhi-1.  
M/s. Cox and King (Agents) Ltd., Post Box No. 398, Lloyds Bank Building, Bombay-1.  
Grindlays Bank Ltd., Post Box No. 98, Mint Road, Bombay-1.  
G. Raghunathmull Bank Ltd., Tourist Agents, Hyderabad.  
M/s. Jummalal Sons Ltd., (Hind Musafir Agency) Jehangir Wadea Bldg., 15, Mahatma Gandhi Road, Bombay-1.  
The Indian Travel Corporation Ltd., Bans-Phatak and Banaras Cantt., Banaras.  
M/s. Air Freight Ltd., 'Adelphi,' 3, Queen's Road, Bombay-1.  
M/s. Globe Travels, 11-H, Connaught Circus, New Delhi.  
M/s. N. Jamanadas & Co., Travel Agents, 16, Bank Street, Fort, Bombay.  
M/s. Asiatic Travel Service. P.O. Box No. 1568, 12, Murzban Road, Fort, Bombay-1.



M/s. National Travel Agency, Mercantile Bldg., 9-10, Lal Bazar, Calcutta-1.

M/s. Saha and Rai Travels Ltd., Hotel Ambassador, New Delhi.

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(b) Get yourself insured at once with the Health Insurance Scheme of that country. In U.K. they have National Health Scheme.



(c) At the time of need get in touch with some type of organisation known as Friendly Relations with Overseas Students, Student Societies/Educational Organizations/Foreign Students Advisors are also found.

**Visas.**—Visas cannot be obtained by post. Personal visit to the Mission/Consul's office is essential.

Candidates going to commonwealth countries other than Ceylon and Pakistan are supposed to get endorsement/entry permits from the consul's office.

For Ceylon a visa on the International or Indo-Ceylon passport is required. For Pakistan 'F' category visa from Pakistan mission in India on International or India-Pakistan passport is required.

For Australia Passport should be endorsed. For Canada an entry permit.

A transit Visa is required from other than Commonwealth countries to pass through them. For Germany no visa but simply endorsement is required. For U.S.A. IV Visa *i.e.*, a student's visa or exchange visitor's visa is required as the case may be.

#### **List of Advisory Bureaux in India to be Contacted**

- Secretary, Students Advisory Bureau, Andhra University, Waltair.
- Secretary, Students Information Board, Gauhati University, Jalukabari, Assam.
- Secretary, University Students Information Bureau, Patna University, Patna.
- Secretary, Foreign University Information Bureau, Gujarat University, Ahmedabad.
- Secretary, Students Advisory Bureau for Studies in India and Abroad, University of Baroda, Baroda.
- Secretary, University Information Bureau, Bombay University, Fort, Bombay.
- Secretary, Foreign Universities Information & Employment Bureau, Poona University, Poona.
- Secretary, Students Information Bureau, University of Nagpur, Nagpur.
- Secretary, Foreign Universities Information Bureau, | Sardar Vallabhbhai Vidya Peeth, Vallabh Vidya Nagar, Via Anand.
- Employment Officer, Employment Bureau, University of Delhi, Delhi.
- Secretary, University Employment Bureau, Kerala University, Trivandrum.
- Secretary, University Information Bureau, University of Saugar, Saugar (M.P.).
- Hony. Secretary, Student Advisory Bureau, Maharani Laxmibai College, Gwalior.



- Chairman, Students Advisory Committee on Foreign Studies,  
Annamalai University, Annamalainagar.
- Secretary, University Students Information Bureau, Madras  
University, Madras.
- Secretary, Students Information Bureau, Karnatak University,  
Dharwar.
- Secretary, Students Information Bureau, Utkal University,  
Cuttack.
- Secretary, Foreign Information Bureau, Punjab University,  
Chandigarh.
- Secretary, Students Advisory Bureau, Maharaja's College,  
Jaipur.
- Secretary, Students Advisory Bureau, C/o Principal Jaswant  
College, Jodhpur.
- Deputy Director of Education, State Students Advisory Commit-  
tee, C/o Director of Education, U.P., Allahabad.
- Secretary, Students Advisory Committee, University of Allahabad,  
Allahabad.
- Secretary, Students Advisory Bureau, Lucknow University,  
Lucknow.
- Director, Students Advisory Committee, Agra University, Agra.
- Registrar, Students Advisory Bureau, The Banaras Hindu  
University, Varanasi.
- Secretary, Appointment and Information Board and Students  
Advisory Bureau (Overseas), Calcutta University, Calcutta.
- Secretary, State Bureau of Education, Govt. of West Bengal, 4,  
Alipore Road, Calcutta.

## Chapter Three

### SCHOLARSHIPS

#### Govt. of India Merit Scholarships in Public Schools

With the object of extending the benefit of Public School education to deserving children of low income groups, Merit Scholarships are awarded on all-India basis by Govt. of India every year. The children between the ages of 5 and 12 are awarded scholarships. Scholarship once awarded will continue until the completion of School Leaving Examination to continue satisfactory progress of the student who should secure not less than 60 per cent marks in every annual exam.  $17\frac{1}{2}$  per cent of the total number of scholarships are reserved for Scheduled Castes, Scheduled Tribes and other Backward Classes.

*The value of the scholarship.*—Exemption from half school fees (fees include board and lodging fees also) where parent's income is Rs. 600 to Rs. 1199 p.m. (No exemption where parent's income is Rs. 1200 p.m. or above). Full exemption from school fees if income is Rs. 251 to 599 p.m. When the income is Rs. 101 to Rs. 250 p.m., then the child gets Rs. 150 per annum as clothing allowance over and above full fee concession. In case the income of the parents is Rs. 75 to Rs. 100 p.m. the child and one escort get free railway or bus travelling both ways from home to school at every term besides all the concessions mentioned above. If the total income of parents is less than Rs. 75 p.m., the scholar will be supplied the school uniform and pocket money also.

Application for scholarships (generally invited in May) should be sent in duplicate on the prescribed form obtainable from the Scholarships Division, Ministry of Education, accompanied by a crossed Postal Order for Re. 1 endorsed in favour of the Secretary, Ministry of Education, Govt. of India, New Delhi.

The candidates will have to appear for an interview and/or a test at his/her own expenses before the State Education Department for the preliminary selection. The final selection is made by the Central Selection Committee strictly on merits at the examination centres at Ajmer, Allahabad, Ambala, Bombay, Calcutta, Gauhati, Hyderabad, Jabalpur, Madras, Rajkot and Trivandrum. The candidate summoned for an interview will be paid 3rd class railway or bus fare and of his/her escort too both ways provided he/she had to bear expenses for the preliminary interview.



Placement in Public Schools will be made by the Govt. of India according to the recommendation of Central Selection Committee though due consideration will be given to the choice of parents.

The Public Schools are : Daly College, Indore ; Doon School, Dehra Dun ; Hyderabad Public School, Hyderabad ; Lawrence School, Lovedale (Nilgiris) ; Lawrence School, Sanawar (Simla Hills) ; Bishop Cotton School, Simla, M.G.D. Girls Public School, Jaipur ; Mayo College, Ajmer ; Rajkumar College, Rajkot ; Rajkumar College, Raipur ; Modern School, New Delhi ; Sadul Public School, Bikaner ; Scindia School, Gwalior ; Shri Shivaji Preparatory School, Poona ; Yadavindra Public School, Patiala ; Birla Vidya Mandir, Nainital ; Vikas Vidyalaya, Ranchi ; Birla Public School, Pilani ; Hansraj Morarji School, Andheri, Bombay ; Rishi Valley School, Distt Chittoor (Andhra).

*Note:* Public Schools at Lovedale, Sanawar and New Delhi have co-education and Jaipur School is meant for girls only.

### Public Schools and State Government Scholarships

Certain Public Schools and State Govts. have instituted scholarships, selection for which is made in the same manner by the same Central Committee as under Govt. of India Scheme. The Scholarships offered by Public Schools are tenable only in the school offering the scholarships and the scholarships instituted by the State Govt. are intended only for the residents of the State concerned.

Lawrence School, Sanawar offers about 15 scholarships for the group 5—9 years. Ten reserved for children of armed forces personnel.

Lawrence School, Lovedale offers approximately 12 scholarships for the age group 5—13 years. One reserved for children of armed forces personnel.

Daly College, Indore offers one scholarship.

Mayo College, Ajmer offers four half-freeships and five quarter-freeships for the age group 6—13 years.

Rajkumar College, Raipur offers one scholarship of Rs. 700 p.a.

Rajkumar College, Rajkot offers two half-freeships.

Andhra State offers four scholarships, one for Kutch and three for Tripura residents.

### Scholarships in Sainik Schools

Liberal scholarship schemes have been instituted by the State Governments for education in Sainik Schools in which the Sainik



Schools have been established. Central Govt. Scholarships are also available to the sons of serving/ex-J.C.Os and O.Rs and of the equivalent rank of the Navy and Air Force on the results of the Entrance Examination. (Sainik Schools prepare boys for the Indian School Certificate Examination and the Entrance Examination to the National Defence Academy, Khadakvasla. School Fees including Board and Lodging, Tuition, Text Books, Stationery is Rs. 1900 per annum. Outfit charges Rs. 300 for the initial year and Rs. 150 every subsequent year. Pocket Money Rs. 100 per annum).

Sainik Schools are at Kapurthala; Kunjpura (Karnal), Chitorgarh; Jamnagar; Satara; Rewa; Trivandrum; Bhubaneswar; Korukonda Post Box No. 33, Vizianagram; Panchet Hill Distt. Purulia; Amaravathinagar Bijapur; Tilaiya.

### Merit Scholarships for Post Matriculation Studies in India

Govt. of India awards these merit scholarships 200 every year in order that no brilliant student is prevented from pursuing studies after Matriculation on account of poverty. The value of scholarship is Rs. 50 p.m. for F.A./F.Sc., Rs. 75/- p.m. for B.A./B.Sc. and Rs. 100 for Technical and Professional Courses and M.A./M.Sc. and Ph.D. etc. The Scholarship, whether to be awarded in full rate or  $\frac{2}{3}$  or  $\frac{1}{3}$ , will be decided according to the income of parents and the number of children they have. It is as under:

(a) Income upto Rs. 500 p.m. irrespective of the number of the children—full scholarship.

(b) Income between Rs. 501 to Rs. 600 p.m. with two children—full scholarship; one child— $\frac{2}{3}$  scholarship.

(c) Income between Rs. 601 to 700/- p.m. with three children—full scholarship; two children— $\frac{2}{3}$  scholarship; one child— $\frac{1}{3}$  scholarship.

(d) Income between Rs. 701 to 900 p.m. with four or more children—full scholarship; three children— $\frac{2}{3}$  scholarship; two children— $\frac{1}{3}$  scholarship.

(e) Income between Rs. 901 to Rs. 1100 four children and above— $\frac{2}{3}$  scholarship; three children— $\frac{1}{3}$  scholarship. Scholarship will be for one academic year to be renewed on yearly basis subject to good progress.

A scholar will be awarded this scholarship provided he is not getting any other stipend/scholarship or unless he surrenders that.

Selection of candidates will be made by the Ministry of Education with the assistance of an Awarding Committee. Applications are invited in May.



### **Scholarships for Post-Matric Studies in Hindi to Students belonging to Non-Hindi speaking States**

For Post-Matriculation studies with Hindi as one of the elective subjects, scholarships for the period of two years to be awarded to candidates sponsored by the Governments of Andhra, Assam, Coorg, Kutch, Madras, Manipur, Mysore, Gujarat, Orissa, Maharashtra, Punjab, Kerala, M.P., West Bengal and Tripura. The qualifications for eligibility for scholarships are II class in Matric/Inter/B.A. with 55 per cent marks in Hindi. The age of the candidate should not be more than 20, 22 and 25 on 1st July for Inter, Graduate and Post Graduate courses respectively. The value of the scholarship is Rs. 50, Rs. 75 and Rs. 100 p.m. for studies into non-Hindi speaking State and Rs. 80, Rs. 100 and Rs. 125 p.m. in Hindi speaking State for Inter, B.A. and M.A. respectively. Candidates studying outside their States will also be given travelling allowances. A Selection Committee set up by the Ministry of Education, Govt. of India, will make awards on the recommendations of State Governments. Applications are invited in May.

### **Scholarships to Young Workers in different Cultural Fields**

Scholarships of Rs. 250 p.m. for a period of two years to young persons between 18 and 35 years with outstanding promise in different fields of cultural activity such as Hindustani Music and Karnatak Music (Vocal and Instrumental), Bharat Natyam; Kathakali; Kathak; Manipuri Folk Dance; Drama; Films; Fine Arts (Painting and Sculpture) and Shadow Play. The awards are made by the Ministry of Education, G.O.I., through a Central Selection Committee.

### **Post School Scholarships for the Blind**

Blind students, citizens of India, above 16, after passing Matriculation or equivalent examination may apply on the prescribed form to the Secretary to the Govt. of India, Ministry of Education (D-2 Section), New Delhi, for a scholarship of the value of Rs. 75 to Rs. 100 p.m. for a period of one year (which may be extended for another year), payable quarterly through the head of the institution, to receive post school education or technical and professional training. Applications are invited in June.

### **Scholarships for the Orthopaedically Handicapped**

Citizens of India, orthopaedically handicapped, between 6 and 25 years of age are awarded Scholarships of the value of Rs. 50 p.m. for Primary and Middle standard education; Rs. 75 p.m. for high school and Rs. 100 p.m. for post-school education. Scholarship will be reduced to half if the income of the parents exceeds Rs. 400 p.m. or in case the student is a day scholar only. Applica-



tions to the Secretary, Ministry of Education (Section D-2), G.O.I., New Delhi. Applications are invited in June.

### **Scholarships/Other Educational Facilities to the Children of Political Sufferers**

Children of political sufferers whose income is less than Rs. 300/- p.m. and their grand children by pre-deceased sons will get freeships and half-freeships in the recognised schools and free seats in the hostels too. Limited number of stipends and book grants upto post-graduate level.

### **Govt. of India Scholarships to Scheduled Castes, Scheduled Tribes and Other Backward Classes**

Matriculates or higher qualified candidates for under-graduate/graduate/post-graduate studies in the following courses in order of preference :

- (a) Medical and allied subjects including Nursing.
- (b) Engineering and Architecture.
- (c) Agriculture, Forestry and Veterinary Science.
- (d) Technology.
- (e) Science.
- (f) Education and Social Service.
- (g) Humanities, Social Science, Fine Arts and Languages.
- (h) Commerce.
- (i) Law and Library Science.

The value of scholarship covers Fees and Maintenance charges of Rs. 27 to Rs. 75 p.m. depending upon the Course of study *plus* Rs. 100 p.a. for study tour.

Applications should be addressed to the Secretary, Scheduled Castes, Scheduled Tribes and Other Backward Classes, Scholarship Board, Ministry of Education, New Delhi.

A scholarship holder will not be allowed any other scholarship except a merit scholarship from a University or Board or from the State Govt.

### **Scholarships for the Deaf**

Govt. of India offers scholarships to Indian deaf children above the age of 16 to receive technical training. The scholarship, Rs. 75 p.m. for the income group upto Rs. 400 p.m. and half between Rs. 400 and Rs. 750 p.m., payable quarterly through the head of the institution, is for a period of one year only but may be renewed for another year. Applications on the prescribed form to the Deputy Educational Adviser (P), Ministry of Education, Govt. of India. Applications are invited in June.



## **Scholarships for Studies Abroad (Schemes administered by the Union Ministry of Education)**

### **Government of India Schemes**

**Foreign Languages Scholarships Schemes**—About twenty scholarships of upto one year for French, Italian, Persian, Spanish, upto one and a half years for Arabic, German, Russian and Turkish, upto two years for Chinese and Swahili, and upto three years for Japanese to study the languages in those countries. Applications are invited in September from Graduates below 40 years.

**Fully Paid Overseas Scholarship Scheme**—Four scholarships for unemployed research scholars aged 20-25 years holding at least first class Master's Degree in any branch of the humanities, to any country for maximum three years. Applications in March.

**Overseas Scholarships Scheme for the Scheduled Castes, Scheduled Tribes & Other Backward classes** 12 scholarships (Four for each category) for maximum three years for any country for advanced studies preferably in Agriculture, Engineering, Medicine, Science and Technology for candidates below 35 years holding first class Master's Degree or Bachelor's Degree in Engineering etc. Applications in August.

**Union Territories, Overseas Scholarships**—One scholarship for humanities subjects for maximum three years to candidates below 30 years holding first class Master's Degree in the humanities subjects viz., arts, commerce, education. Applications in April.

### **Scholarships/Fellowships under the Colombo Plan, Point Four Programme and Wheat Loan Programme**

**Commonwealth Technical Cooperation Scheme (Colombo Plan)**—Candidates sponsored by their employers below 45 years and 48 years in special cases with good academic record are given scholarship from one to two years to other countries of the Plan (viz., Australia, Canada, Japan, New Zealand & U.K.) for higher training in humanities subjects. Applications in March.

**Point Four Programme**—(Technical Cooperation Mission) Scholarship for maximum one year to provide American Technical knowledge and skill. Everything as in scheme No. 5.

**India Wheat Loan Educational Exchange Programme**—Scholarship for University teachers and other academic personnel for studies/training/observation in Library science; Natural Sciences and Important aspects of University Education in United States of America from four to twelve months. Below 50 years for librarians,



below 45 years for junior scientists and below 55 for senior scientists. Applications in March. No. of Fellowships approx. thirty.

### **UN and UNESCO Fellowships and Scholarships Programme**

**UN Social Welfare Fellowships and Scholarships Programme—**Five to seven scholarships for graduates with atleast three years' experience in teaching or practical experience in social welfare and between 25 and 40 years sponsored by their employers are selected for three to six months for fellowships and from one to two years for scholarships. Applications in July.

**UNESCO Technical Assistance (Normal) Programme—**Graduates with three to five years experience below 45 years and sponsored by their employers are selected for further training in Education for six to twelve months. Applications in April.

### **Scholarships and Fellowships offered by Foreign Govts.**

**The Government of France—**At least four scholarships for Post-Graduates below 35 years with atleast a second class Master's Degree and good knowledge of French language and engaged in teaching or research work are selected for any Humanities subject for generally one academic year of eight months to maximum three terms. Applications in January.

**The Federal Republic of Germany—**Sponsored candidates below 35 years with a second class Master's Degree and at least two years research and teaching experience and for non-sponsored candidates below 25 years with first class Master's degree. Higher training in any branch of humanities. Applications in February. Scholarships atleast two.

**The Government of Italy—**Four to five scholarships are offered in the post-graduate Study/Research in (a) Italian language & literature (b) Economics & Commerce to candidates below 35 years holding atleast a Master's Degree. Applications in April.

**The Government of Norway—**One scholarship to candidates below 35 years and holding a first class Master's degree with two years Teaching/Research/Practical experience for post-graduate Study/Research in Norwegian language & literature, history, law, economics or humanities subject for six to 12 months. Applications in April.

### **Scholarships offered by Foreign Institutions and Organisations**

**British Council, London—**About fifteen scholarships for candidates aged 25-30 years and holding at least second class Master's Degree in English with at least three years teaching experience in a University or Training Institute. Higher studies is concerning English language and Literature and duration of scholarship is one academic year of ten months. Applications in August.



✓ **Imperial Relations Trust**—(London University Institute of Education) Two scholarships for one academic year for candidates aged 30—40 years with atleast second class Master's Degree in Education and atleast three years teaching experience for further study of important educational problems. Applications in December.

**The Indian Women's Education Association, London**—One scholarship for one year for Post-graduate course in Education to women candidates below 30 years holding an honours degree and a degree or diploma in education *plus* atleast three years' teaching experience. Applications in January.

*Notes :* (a) These scholarships are offered every year, administered by the Union Ministry of Education, Scholarships Division. They appear in the Press. Detailed information is given in the application form or the booklet published by the Ministry of Education entitled "Scholarships for Studies Abroad" available from all Govt. book-sellers.

(b) The value of scholarships varies from country to country. The scholarship is enough to meet the cost of study, board and lodging, travelling etc. Some scholarships offer the cost of Passage both ways. In some cases the candidate himself or the sponsoring Institute has to bear one-way passage cost. Candidates can apply to the Ministry for an interest-bearing repayable loan to meet the cost of the passage under the *Partial Financial Assistance (Loan) Scheme of the Ministry*.

**Fulbright Program :** (a) 170 Indians (30 Professors/Research Scholars, 20 school teachers and 120 students) get grants for one academic year initially but may be extended to three to four years but visiting lecturers and research scholars not more than two years. Under Fulbright scheme preference is to the subjects of humanities, pure Sciences and Social Sciences but in senior program even engineers and technologists are included. Lecturers and Research Scholars between 40 to 50 years for one academic year, teachers between 30 to 40 years for six months and scholars between 24 to 35 years for one academic year extendable to three to four years get this scholarship. Generally the applications are received in Oct./Nov., scrutinised by the Regional Selection Committee, all the applications are put before the National Selection Committee in New Delhi before the applications are recommended to Washington. All the grantees receive Fulbright travel grants to cover round trip also.

(b) **Fulbright Travel grants** are also available to near about 80 students who are going for Post-graduate study in the United States and have secured their admission to American Universities for September Session and have adequate financial support. This competition closes in mid-April.

Besides the Ford Foundation a few individual grants administered by the Institute of International Education in New York and one



year fellowships of Rockefeller Foundation Fellowship Program are made by the foundations directly. For further information, write to U.S.I.S., Bahawalpur House, New Delhi or the Agricultural Attache, American Embassy, New Delhi.

### Scholarship Schemes (Ministry of Scientific Research and Cultural Affairs)

**Practical Training Stipend Schemes**—To assist Engineering Students for training in different Industrial Concerns from 6 months to 2 years. Stipends of Rs. 150/- p.m. to graduates in Engg. & Technology and Rs. 100/ p.m. to diploma holders.

**Research Training Scholarship Scheme**—About 200 scholarships every year of the value of Rs. 200/- p.m. are awarded to M. Sc. second class candidates engaged in research of Doctorate or graduates in Engg. or technology engaged in Post-graduate research work in Universities and other educational institutes required for National Laboratories.

**National Research Fellowship Scheme**—About 20 Fellowships of the value of Rs. 400/- p.m. and a grant of Rs. 1000/- per year for apparatus and equipment for a tenure of three years extendable to five years are awarded every year to research scholars who have obtained Ph. D./D.Sc. and are engaged in higher research in science or technology in a recognised University.

**Teachers Training Scheme**—For Post-graduate study and research to bright graduates to become lecturers in Technical Institutions a stipend of Rs. 350 to 400 p.m. is awarded to get a number of scholars every year to get them training at Kharagpur, Sibpur, Roorkee, Poona and Madras Engg. Colleges.

**Merit-Cum-Means Scholarship Scheme**—Rs. 75 p.m. for degree students and Rs. 50 p.m. for diploma students with exemption of tuition fee and an equal amount from the institution where they study for more than 1500 to 2000 meritorious students every year to be selected from all Technical Institutions.

**Training in Archives Keeping (Diploma Course)**—A limited number of B.A. Hons./M.A. in history candidates are offered scholarships.

**Twenty Fully-Paid Overseas Scholarships Scheme**—20 scholarships of duration of one to three years for candidates between 20 and 25 years holding a first class Master's Degree in any branch of humanities, science or agriculture or a first class Bachelor's Degree in engineering, technology, medicine or veterinary science and engaged in reasearch work or Practical training. Value of scholarship as under the Central Overseas Scholarships Scheme. Applications invited in March.



**UNESCO Expanded Technical Assistance Programme**—Candidates, below 45 years, with good academic record and Professional experience, nominated by institutions receiving technical assistance from UNESCO, are offered fellowships upto one year with possibility of extension in any country UNESCO decides. Value of Fellowship as under the Central Overseas Scholarships Scheme. Applications invited from institutions in April.

**Fellowships offered by the Government of the Netherlands**—One fellowship for one academic year extendable to two years is offered to a candidate with first class Master's Degree or a second class Master's Degree with a first class Bachelor's Degree in science or a first class Bachelor's Degree in Vet. Sc., Civ. Engg. or Medicine for a post-graduate research in Physics, Maths., radio, astronomy, chemical technology, phytopathology, hydrobiology, hydraulics, Civ. Engg., medicine, Vet. Science. Value of Fellowship is Rs. 2,800/- as maintenance allowance *plus* exemption from payment of tuition fees. Applications invited in May.

**Note for Overseas Scholarships**—In all overseas scholarships offered by State/Central Govt. or by any foreign concern the candidates will have the following facilities offered.

- (a) Maintenance allowance in that country.
- (b) Exemption from the payment of fees and examination fees.
- (c) Free passage both ways.
- (d) Tour allowance in that country.
- (e) Allowance for equipment and books.
- (f) Applications are invited in any month of the year preceding the one to which the offer relates.

**Indo-German Industrial Cooperation Scheme (Post-graduate Studies)**—Indian nationals below 35 years with atleast a second class Master's Degree in science or a second class Bachelor's Degree in Engineering or Technology and atleast two years' teaching, research or practical experience are offered scholarships for a duration of 2 years, 2 months by the Federal Republic of Germany for post-graduate studies in West Germany. Maintenance allowance is Rs. 340 p.m. *plus* other facilities as in the Overseas Scholarships. Applications invited in January.

**Indo-German Industrial Cooperation Scheme (Practical Training)**—Indian nationals below 30 years with a second class Master's Degree in science or a second class Bachelor's Degree in Engineering or Technology with atleast two years' Practical experience are offered 80 scholarships every alternate year by the Federal Republic of Germany for practical training in German Industries for a duration of 6 to 12 months. Value of Scholarship as above. Applications invited in December.



## Govt. of India Schemes

**Central Overseas Scholarships Scheme**—Teachers from Universities/Colleges/Institutions of higher education between 24 and 40 years of age with brilliant academic record and atleast five years' teaching experience are awarded scholarships for studies abroad for a duration of one to three years depending on the course of study. Value of Scholarship will be maintenance allowance (p m.) Rs. 543 in Canada, Rs. 340 in Germany, Rs. 375 in France, Rs. 500 in Japan, Rs. 600 in Sweden, Rs. 545 in Switzerland, Rs. 467 to Rs. 500 in U.K. and Rs. 595 in U.S.A. *plus* all other facilities for overseas scholarships as given in the note. Govt. of India and the sponsoring authority will share half and half the entire cost of study. Applications are invited in March.

**Central State Scholarships Scheme**—First class Master's Degree holders in Arts, Science, Commerce, Education or Agriculture or first class Bachelors' Degree holders in Engineering, Technology, Medicine or Veterinary Science and below 30 years who by birth or domicile are natives of the Union Territories are awarded similar scholarships as in Central Overseas Scholarships Scheme.

**Foreign Languages Scholarships Scheme**—Candidates between 25 and 40 years with a second class Master's degree preferably in the language concerned and three years' experience of teaching the language can apply for a scholarship for a further study in the language in that country. Three scholarships are awarded every year of Rs. 300 for Arabic, 200 for Chinese, 375 for French, 340 for German, 450 for Italian, 500 for Japanese, 600 for Persian, 1190 for Russian, 340 for Turkish and 250 for Spanish for a duration of 2 years. Applications invited in September.

**Training under the auspices of the International Association for the Exchange of Students for Technical Experience (I.A.E.S.T.E.)**—The Association arranges 6 to 12 months' practical training for students below 25 holding at least a second class Degree in engineering or science in any other member country. (The members of the Association are Austria, Belgium, Canada, Denmark, Finland, France, Germany, Great Britain, Greece, India, Ireland, Israel, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, U.S.A. and Yugoslavia). Applications invited in March.

**Partial Financial Assistance Schemes**—Applications are invited in July from Professors and Readers of Universities for the grant of approx. Rs. 2500 per scientist who wishes to visit a foreign country for attending International Conference or for delivering lectures etc.

**Scheme of Passage Grants to Scheduled Castes, Scheduled Tribes and Other Backward Classes**—Applications are invited in July for passage grants to suitable candidates who have been awarded scholarships for studies abroad from foreign Govts./Organisations/



Govt. of India, where there is no provision to meet the cost of passage.

**Loans for Foreign studies**—Partial Financial Assistance (Loan) Scheme. Loans are granted by Govt. of India to Indian students already in foreign countries who (a) require some temporary relief due to delay in receipt of remittance, (b) after the completion of their first course want to undertake another course and the parents cannot afford, (c) for some sudden deterioration of financial position cannot meet the cost of return journey. Applications have to be sent through the Indian Mission in the country of study.

**Loans Payable in India**—Loans to meet the cost of one way passage or for maintenance abroad to persons who are awarded scholarships/fellowships for studies/research/training carrying a stipend of adequate value or teachers in Universities/Colleges who secure appointments in foreign Universities on a salary basis. The loan with interest at Government rates will be refundable in maximum 36 instalments commencing six months after the individual returning to India or on employment in India/abroad, whichever happens earlier.

**Science Research Scholarships of the Royal Commission for the Exhibition of 1851**—Scholarships of the duration of 2 years for research in some branch of pure or applied science are offered to scholars below 26 and holding a first class Master's Degree in Science with atleast 2 year' research experience. Basic value of scholarship is £550 p.a. Other facilities of free passage and exemption from fees etc. only to very deserving cases. Applications invited in October.

**Rutherford Scholarship of the Royal Society**—Three years research scholarships in any branch of the natural science preferably Experimental Physics for scholars below 26 at the rate of £ 600—800 per annum in U.K. *plus* additional allowance for travel and fees etc. Applications invited in Oct.

**Training Scheme of the London Transport Executive, United Kingdom**—Three months' to six months' training in traffic operation to Indian graduates with Economics or diploma holders in Mech. Engg. and five years' practical experience in the line, sponsored by the Central/State Governments.

The entire cost of passage, both ways, maintenance etc. has to be borne either by the candidates themselves or by their sponsors. Applications invited in August.

**Scholarships offered by the Government of Switzerland**—For post graduate study/research in any branch of science, technology or engineering at any of the Swiss Universities for scholars below 35. Duration one year. Maintenance allowance Rs. 540 to 740 p.m. and other facilities as in Overseas Scholarships. Applications invited in April.



**Brush Aboe Group Commonwealth Scholarships Scheme**—Scholarships for the duration of 2 years to graduates with a first class Degree in Mechanical or Electrical Engineering for higher studies in U.K. Maintenance allowance of about Rs. 400/- p.m. and other facilities of Overseas Scholarships. Applications invited in February.

**Federation of British Industries (United Kingdom) Overseas Scholarships**—At least second class Engineering graduates below 35 are offered scholarships for 2 years who require general practical training and for 6 to 12 months who wish to obtain specialised knowledge in a particular branch of engineering. Maintenance allowance of £ 426 to £ 500 per annum *plus* other facilities of Overseas Scholarships. Applications invited in August.

**London University Institute of Education Fellowships**—Fellowships for one academic year commencing normally in October to pursue the Associateship Course of the Institute are offered to teachers between 30 and 35 years with atleast second class in M.A./M.Sc. and in Education with three years' teaching experience. Total value of Fellowship is £ 550 all inclusive. Candidates should be sponsored by Central/State Governments, Universities or training institutions. Applications invited in December.

**National Loan Scholarship Scheme**.—The loan scholarships are tenable for pursuing regular full-time courses in any recognised day-time institution: 16,000 for 1963-64, 20,000 for 1964-65 and 24,000 for 1965-66 Scholarships for undergraduate stage: 2,000 for 1963-64, 2,200 for 1964-65 and 2,400 for 1965-66 for Post-Graduate stage; and 300 scholarships (100 every year), are to be awarded for Post-M.A./M.Sc. stage). The value of scholarship is Rs 720/- p.a. upto Graduate stage in all the subjects except for Engg. etc. where it is Rs. 900/- p.a. For Post-graduate Courses in Engg., Technology and Medicine it is Rs. 1150/- p.a.

The scholarships will be awarded to nationals of India only who secure at least 60 per cent marks and the income of their parents does not exceed Rs 6000/- p.a. They should not be getting scholarship under any other scheme.

The loan interest-free be given without surety or security. The selected candidates will be required to execute a bond. The payment to the scholar will be made in regular monthly instalments through the Head of the institution.

The repayment of the loan will start one year after the scholar has begun to earn. One-tenth of the income, if it is less than Rs. 309/- p.m.; one-eighth, if it is between Rs. 300 and Rs. 500 p.m.; and one-sixth, if it exceeds Rs. 500/- p.m.

Scholars joining the teaching profession after the completion of their studies will be exempted from the repayment of loan. Repayment will be waived one-tenth for every year of service put in a recognised institution.



In the event of the death of a scholar or his becoming incapacitated or invalid, the loan will be written off. All State Governments will invite applications in the first week of May every year.

### Miscellaneous Scholarships

**Govt. of Bihar.**—Offers scholarships to Officers of Bihar State Medical Service, for Post-graduate Studies in Medicine. Half Salary *plus* transportation, tuition and allowance of 16 shillings per day. Apply Director of Health Services, Patna.

**Govt. of Bombay.**—Ganesh Balwant Limaye Scholarship for higher studies in Technical subjects in India or abroad Rs. 250 p.m.

**Govt. of Kerala.**—Dr. Sri Ram Alagappa Chettiar Victory Scholarship for higher studies in Engg., and Sciences in U.K. or any other country. Rs. 4000/- p.a. for 2 years. Recipient must serve Kerala State for 5 years.

**Govt of Mysore.**—Sri Damodar Das Foreign Scholarships for advanced studies in Technical subjects in Europe, Japan or eastern countries. Scholarship covers transportation, maintenance, tuition fees and family maintenance allowance. Age limit 25. Scholarship for 2 years. Recipient must serve the Govt. for 5 years.

**Govt. of Orissa.**—Cabinet (Planning) Deptt., Bhubaneswar, Orissa Overseas Loan stipends for advanced study.

**Govt. of Punjab.**—Gandhi Memorial Scholarships of 2-3 years for nationals of Punjab. Graduates below 25 years. Higher studies in U.K. or other European countries, U.S.A., Japan. £382 p.a. *plus* transportation, tuition fees, books and equipment allowance of Rs. 300/- p.m. Five scholarships (4 men and one woman student). Apply Director of Industries, Govt. of Punjab.

**Govt. of Punjab.**—Loans for Industrial and Technical Training.

**Govt. of West Bengal.**—(a) State scholarships for U.K. Age 19—25 years. Tenure 3 years. £400 to £460 *plus* £25 p.a. for books etc. *plus* transportation and Rs. 500 equipment allowance. Apply through Public Service Commission, West Bengal.

(b) Overseas scholarships for higher studies in Scientific and Technical Subjects.

(c) Lythou Moslem Scholarship for U.K. Available to Moslem nationals of West Bengal to an Honours Graduate below 28. £300 *plus* transportation for 2 years.

**Andhra University, Waltair.**—(a) Foreign Scholarships, Unrestricted.

(b) Hyderabad Foreign Deputation Fellowship and Travancore Foreign Deputation Fellowship for teachers of Andhra University

Colleges who have served for 5 years and on return will serve for at least 3 years.

Rs. 7,500 and allowance equivalent to half of salary.

Tenure 6 months from 1st September.

(c) Grants-in-Aid for Research.

**Banaras Hindu University, Banaras.**—(a) Holkar Fellowship, (b) Bikaner Greater India Scholarship, (c) Shankar Lakshmi Scholarship.

**University of Bombay.**—(a) Sir Mangaldas Nathubhai Technical Scholarships for Technical Education in U.K. Available to Hindu Graduates of University of Bombay. Rs. 2000 p.a. for 3 years.

(b) Sardar Bhimrao Ramrao Akbarnawis Scholarship for higher studies in U.S.A. or U.K. in Science, Engg., Agriculture, Medicine, Technology. Available to Brahmins of Belgaum, Dharwar, Kolhapur or Sangli. Rs. 2,400 p.a. for 3 years.

(c) Sir Fazaubhoy Currimbhoy Loan Scholarships. Available to Mohammedan Graduates of University of Bombay for higher studies in U.K. Rs. 3,603 p.a. for 3 years.

(d) Dr. (Miss) Aimai Maneckji Cooper Medical Scholarships available for female M.B.B.S. for higher studies in Medicine Rs. 2,200/- for two years.

(e) Eduljee Dinshaw Scholarship for Technical Education abroad.

**University of Calcutta.**—(a) Bipradas Palchaudhury Fellowship. Study in Indian History, Politics, Philosophy one year. Rs. 5,000 for Graduate of Calcutta University.

(b) Guruprasanna Ghosh Scholarship for Scientific and Technical education for higher studies in Europe, U.S.A. Far East. Available for Intermediates of Calcutta University above 18 years. Rs. 2,000 p.a. for 3 years.

(c) Ghose Travelling Fellowship in Arts and Science for graduates and staff members of Calcutta University for study or research of educational methods in Arts or Science Rs. 2,500 for one year.

(d) Abdul Halim Travelling Fellowship. Available to Graduates/Staff of Calcutta University for research in Persian language or culture.

(e) Sir Taraknath Palit Foreign Scholarship for Scientific Research.

(f) Sailasuta Devi Radhikamohan Educational Scholarship for Technical Studies in Mechanical or Chemical Engg. anywhere abroad. Age 20-30 years. Rs. 5,000/- for one year.

(g) Sibley Scholarship for B.E. for higher studies in Engg. Rs. 350 p.m. for one year.



(h) Ramgopal Ghosh Scholarship for advanced study in Applied Science, Engg., Technology.

Indian Universities. Burmah-Shell Scholarships for higher studies in Mechanical Engg. in U.K. £450 p.a. for 4 years.

Dawoodbhoy Fazalbhoy Muslim Educational Trust, 42, Pydhoni Road, Bombay-9 : Educational Loans available to Moslems of India. Graduates from any Indian University.

**University of Mysore.**—H.H. the Yuvarani Sri Kempu Cheluvajammannia Varu Foreign Scholarship for higher studies in diseases of women and children. Studies in America or Europe. Rs. 300 p.m. for one year *plus* transportation and tuition.

**Patna University.**—(a) Sir Ganesh Datta Singh Loan Scholarships available to residents of Bihar and atleast matriculates for studies to help development of industries or agriculture in Bihar. Rs. 4,000 to Rs. 6,000. Average 2 years.

(b) Also for higher studies in medicine or science. R.B.S.W. Rajadhyaksha G.S.B. Foreign Education Society, Chikitsaka Samuha Bldg., Kandewadi, Bombay-4. Rajadhyaksha Loan Scholarships available to Deccani Gowd Saraswat Brahmans for higher studies abroad. Approx. Rs. 8,000 for two years.

Sylhet Association, P.O. Shillong, Assam. Grants for studies abroad in technical subjects.

J.N. Tata Endowment, Bombay House, 24 Bruce Street, Fort, Bombay. Available to Indians with first class Bachelor's Degree of an Indian University for higher studies abroad. £2,000 for 3 years in U.K. and \$ 8,000 for 3 years in U.S.A.

(b) Lady J.N. Tata Trust (address as above) for research in Medicine available to Medical Graduates—nationals of all countries. £200 to 12,00 for one year.

N.M. Wadia Charities, 22-D, Parsi Bazar Street, Fort, Bombay. Grants-in-aid. Available to Indian nationals for higher research.

**Research Training Scholarships.**—Hundreds of scholarships of the value of Rs. 200 p.m. for a period of 3 years are awarded to Universities and Institutions by Ministry of Education, Govt. of India to enable deserving students to engage in scientific and industrial research. M.Sc. or B.Sc. (Hons). or Degree Holders in Engineering and Technology for research work, strictly on the basis of merits.

**Practical Training for Engineering and Technological Students.**—Rs. 150 p.m. for Engineering Graduates and Rs. 100 p.m. for Diploma Holders for practical training in Govt. technical establishments such as Railways, Posts & Telegraphs, All India Radio, Defence Establishments etc. Ministry of Education, Govt. of India awards these scholarships.



**National Research Fellowships in Science and Technology.**—A Special Committee is appointed by Govt. of India to make selections on all India basis to award fellowships of Rs. 400 p.m. *plus* Rs. 1,000 p.a. for equipment required for research to scholars below 30. Applications should be made through the University/Institution where the candidate proposes to work.

**Research Scholarships in Humanities.**—The scholarships of the value of Rs. 200 p.m. for a period of 2 years (in exceptional cases may be extended to 3 years) to candidates with first class Master's Degree to do research in any subject of humanities. Awards are made by the Central Selection Committee specially constituted by the Govt. Applications through the head of the University or Institution last attended.

### Loan Scholarships

25 Scholarships of Rs. 700 p.a. for three years in Bombay Engg. Colleges. The India Jute Mills Association awards 10 scholarships to nominees of member mills for 5-year engineering course at the Calcutta Technical School.

### 1,750 Engineering Scholarships (1964-65)

Government of India has decided to award 1,750 merit-cum-means scholarships to students joining engineering colleges in the country. A total of 1,320 scholarships will be awarded to fresh entrants in the polytechnics.

The southern region comprising Madras, Mysore, Kerala and Andhra has been allotted 637 engineering college and 449 polytechnic scholarships.

The Union Ministry of Education is also arranging to provide practical training for fresh engineering graduates and diploma-holders in industrial establishments in private and public sectors for a period of one year. The object is to condition the students for gainful employment. A monthly stipend will be paid to the trainees.

About 300 graduates and 600 diploma-holders will be given practical training almost every year.

Under the merit-cum-means scholarships scheme Rs. 75 will be paid every month to engineering college students and Rs. 50 to polytechnic students. Besides the scholarships, Rs. 250 will be paid as annual tuition fees for the former and Rs. 120 for the latter. The scholarship will be renewed year to year on the students securing the prescribed marks.

In the Southern region, 10% of the total intake in engineering colleges and 3% in the polytechnics will get the scholarships.



## National Loan Scholarships Scheme (West Bengal)

Director of Public Instruction, West Bengal, invites applications in the prescribed form from eligible candidates for loan scholarships under the aforesaid scheme to provide financial assistance to needy and meritorious students for prosecution of higher studies in all recognised full-time courses in India, on the basis of the results of the following examinations held by any recognised examining body of West Bengal :—(a) Final School Leaving Examination (S.F., H/S or equivalent examination); (b) Senior Cambridge. (c) Pre-University or equivalent examination; (d) Pre-Engineering or Pre-Professional Examination; (e) Pre-Medical Examination; (f) B.E. & B. Arch. Preliminary Examination of Calcutta University; (g) B.E. Preliminary Examination of Burdwan University; (h) B.A./B.Sc./B.Com. and examination leading to the award of first degree or an equivalent diploma in technical and professional courses; (i) M.A./M.Sc./M.Com. and Master's Degree or equivalent examinations in technical and professional courses; (j) Any other examination declared by Government of India for the purpose.

The full value of loan will vary from Rs. 60 to Rs. 145 per month according to the course of studies. Resident Scholars (those living in colleges/approved hostels) would get the full value of the loan subject to other conditions. Day scholars will ordinarily be given 75% of the full value.

*Conditions of eligibility.*—(1) First Division/Class and 60% marks in the aggregate; (2) Income of parent/guardian not exceeding Rs. 6,000 per annum; (3) Candidates must be nationals of India.

Applications in the prescribed form accompanied by a crossed Indian Postal Order of Re. 1 payable to the Director of Public Instruction, West Bengal, must reach his office at Writer's Building, (Block I, 2nd floor), Calcutta-1 within 15 days of the date of publication of the results of respective examinations or publication of the advertisement, whichever is later.

### Scholarships in Polytechnics

Every Polytechnic offers four to eight scholarships of approx. Rs. 20 p.m. for Diploma course and approx. Rs. 15 p.m. for certificate course in each class.

### More Scholarship Schemes

Schemes administered by the Ministry of Education for studies abroad.

#### I. Govt. of India Schemes

Agatha Harrison Fellowship for the study of Asian problems with special reference to India at St. Anthony's College, Oxford.

Central Overseas Scholarships Scheme for teachers of Universities, Colleges and comparable institutions of higher education.

Passage Grants for Scheduled Castes, Scheduled Tribes and other Backward Classes.

Partial Financial Assistance (Loan) Scheme.

Programmes for Exchange of Scholars between India and China, Rumania, U.S.S.R. and Yugoslavia.

## **II. Fellowships/Scholarships offered by Foreign Govt./Organisations/Institutions.**

Scholarships offered by the Governments of Bulgaria, Denmark, France, Israel, Norway, Spain, Sweden, Turkey and West Germany.

Philippines University Scholarships.

Commonwealth Society for the Deaf Scholarships for training of teachers of the deaf.

Canadian Council Scholarships.

Canadian Women's Press Club Fellowship for an Indian Woman.

German Academic Exchange Service (West Germany) Scholarships.

Foundation (U.S.A.) Scholarships.

Fellowships/Scholarships Programme.

Scholarships for teachers training under the Commonwealth Fellowships/ Scholarships Plan.

UNESCO Fellowships/Scholarships.

Messrs. Hellenic Lines, New York—Free Passages for Indian Nationals.

Travel and Maintenance Grants Schemes administered by the U.S. Educational Foundation in India.

## **For Studies in India**

### **I. For Foreign Nationals**

Commonwealth Scholarships and Fellowships Scheme for nationals of the other Commonwealth countries.

Colombo Plan Scholarships/Fellowships for Scholars from South, South-East Asian and other countries.

France Fellowships Scheme for French Nationals for Post-graduate Study/Research.

General Scholarships Scheme for Indian Students and Students from certain Asian, African and other countries.

Indo-German Industrial Cooperation Scheme Fellowships for German Nationals for Post-graduate Study/Research.

Programmes for Exchange of Scholars between India and China, Rumania, USSR, UAR and Yugoslavia.

Reciprocal Scholarships Scheme for Nationals of certain foreign countries for Post-graduate Study/Research.

Scholarships to Bhutanese and Sikkimese students for school study and degree/diploma courses.



## II. For Indian Nationals

Research Scholarships in Humanities.  
Scholarships/other educational facilities to the children of political sufferers.

## Schemes administered by the Ministry of Scientific Research and Cultural Affairs

### I. Govt of India Schemes

Central (Modified) Overseas Scholarships Scheme.  
Govt. of India French Fellowships Scheme.  
Reciprocal Scholarships Scheme.  
Partial Financial Assistance Scheme.

### II. Scholarships offered by Foreign Governments

Scholarships offered from time to time by the Govts. of Australia, Austria, Belgium, Czechoslovakia, Denmark, France, Hungary, Indonesia, Israel, Italy, Japan, Netherlands, Norway, Rumania, Sweden, Switzerland, UAR, USSR and Yugoslavia.

## Scholarships offered by the Federal Republic of Germany

- (a) Indo-German Industrial Cooperation Scheme.
- (b) *Ad-hoc* Scholarships offered by the Federal Republic of Germany and the Hamburg University Students Union for Post-graduate studies.
- (c) Scholarships offered by the free Hanseatic City of Hamburg for post-graduate studies.
- (d) Hamburg Chamber of Commerce (West Germany) Scholarships.
- (e) *Ad-hoc* Scholarships by the Govt. of the Federal Republic of Germany for post-graduate studies.
- (f) Scholarships offered by the Board of Directors of Farbwerke Hoechst A.G. for studies in West Germany.
- (g) Scholarships offered by the Alexander von Humboldt Foundation.
- (h) Scholarships offered by the German Academic Exchange Service.
- (i) Friedrich Ebert Foundation (West Germany) Scholarships.
- (j) The Govt. of the Federal Republic of Germany Scholarships for post-graduate studies.

## German Democratic Republic Scholarships

- (a) Scholarships offered by the Govt. of the German Democratic Republic for post-graduate studies/research.

(b) The German Democratic Republic Scholarships for :

(i) Polygraphy (ii) Post-graduate study/research (iii) Practical Training (iv) Indian Scientists.

Commonwealth Scholarships and Fellowships : Scholarships and Fellowships offered from time to time by the Governments of the United Kingdom, Canada, Australia, New Zealand, Hongkong, Malaya, Ceylon, Malta, Uganda, Kenya and Tanganyika.

Admission to the People's Friendship University, Moscow.

Colombo Plan Correspondence Courses.

T.C.M. Teachers Training Programme.

Federation of British Industries Scholarships.

Canada Council Non-Resident Fellowships Scheme.

Ridgefield Foundation Scholarships Scheme.

Howker-Siddeley Industries Commonwealth Scheme Scholarships.

Similar offers by other Organisations/Universities for studies in Science, Technology and Culture.

### III. Exchange Programmes

Scholarships offered from time to time by the Governments of USSR, Yugoslavia, Finland, UAR, Ceylon.

### IV. Miscellaneous Schemes

Free Sea passages offered by M/S Hellenic Lines Ltd. to Indian Students for travel from India to USA and back.

The Institute of Education, London, offers a fellowship for University/College teacher for study in London for one year.

The British Council Scholarships for lecturers in English for study in U.K.

The British Council also offers travel grants to Scientists, University Teachers and other Scholars who are invited by Universities in U.K. for short visits.

Christ College, Cambridge, offers a Research Scholarship to Graduates; Burma-Shell Scholarships for study of Petroleum Technology, Assam Oil Company Scholarship for studies in U.K. Selection by C.S.I.R.

National Research Council, Ottawa, Canada, offers research fellowships to Science graduates for study in Canada. Nuffield Foundation awards travelling fellowships in Engg. and Medical field for training in U.K.

The Govt. of India, Ministry of Education and Ministry of Scientific Research and Cultural Affairs, offer limited financial assistance to persons distinguished in letters, art, etc. who may be in indigent circumstances.



W.H.O. arranges for Indian doctors to study abroad under fellowships financed by W.H.O., U.N.I.C.E.F. & U.N. Technical Assistance. All India Committee of the World Assembly of Students arrange Educational tour of India under some concessions.

Lady Huggins Scholarship for Women—one year at Bedford College for Women, London.

For Loan Scholarship apply to Tata Education Trust, Bombay House, Bruce St., Bombay.

Institute of International Education, New York, offers some scholarships for studies in America. Enquiries at USEFI, Hailey Road, New Delhi.

### **Scholarships awarded by Director of Education, Maharashtra**

120 Scholarships of Rs. 30 each for 4 years Arts Science College.

10 Scholarships of Rs. 30 each for 4 years Commerce College.

11 Scholarships of Rs. 30 each for 4 years Law College.

Scholarship from Endowment fund.

Loan Scholarships to poor deserving students 90 Scholarships of Rs. 30 each for 4 years. Applications to Director of Education, Poona.

60 Govt. and Dakshina Fellowships of Rs. 60 each.

11 sets of Research Scholarships for Ph.D. & D.Sc. of Rs. 125 p.m. each.

(6 sets for Institute of Science, Bombay and five open).

In February every year a competition is held for Govt. Open Merit Middle School and High School Scholarships. Middle School Rs. 4 p.m. for 3 years. VIII Rs. 5, IX Rs. 6, X and XI Rs. 8, for 4 years.

Scholarships at Shri Shivaji Preparatory Military School, Poona-5.

Three Scholarships of Rs. 1000 per annum for 14-15 age group on 1st April.

Govt. of Bombay Scholarships at Sainik School, Dehra Dun.  
(Two scholarships of Rs. 1000 p.a. each).

Govt. of Bombay Scholarship tenable at the training ship *Dufferin*, Bombay.

(Three Scholarships of Rs. 40 p.m. each).

Open Merit Scholarships and free Studentships in Engineering Colleges (Degree Courses).

(6 sets of Rs. 40 p.m. each for 1 year ; in College of Engg., Poona (9 sets). L. D. College of Engg., Ahmedabad (6 sets) Govt.,

Engg. College, Nagpur (30 sets) 15% free in 'All Engg. Colleges (L.E. College, Morvi 12%).

Govt. of Bombay Research and other Scholarships in Engg,

Two Scholarships for Research Work in Technical Chemistry of Rs. 80—I Year & Rs. 130—II year for two years. One in Electrical Engg. Rs. 120 p.m. for one year. Two in Associateship Course in Sugar Tech. (Kanpur) Rs. 50 p.m. for two years. Two Associateship Course in Mining (Dhanbad) or Applied Geology Rs. 60 for four years. Three Dip. Course in Aeronautical Engg. Rs. 60 for one year. Two for Research Work (Bangalore) in Elec./Aeronautical/Internal Combustion/Metallurgy Rs. 60 for one year.

25 Loan Scholarships in Engg. Colleges of Rs. 700 p. a. for 3 years.

Govt. of Bombay Open Merit/Merit Scholarships etc. for Engg. subjects Dip. Course : one scholarship for each class in every Engg. Institute of Rs. 35 p.m. for one year.

5% to 10% of the students in all the Industrial & Technical Institutions get Rs. 5 to Rs. 8 p.m. for one year under Merit Scholarship Scheme.

### **Research Scholarships in Humanities**

Scholarships of the value of Rs. 200 p.m. for a period of two years for advanced research in any subject other than the Natural Sciences and Technology by young men below 38 years of age with a first class Master's Degree engaged in teaching profession in Schools & Colleges. Applications are invited in May.

### **Scholarships for Children of Primary & Secondary School Teachers**

Scholarships will be awarded on the result of the School Leaving Certificate to only those candidates who secure first class. The selected scholars will be free to follow any course of study. The scholarship once awarded will be tenable from the start of the University Course till the completion of the course of studies (M.A /M.Sc./Ph.D./Engg./Medicine, etc) provided the student maintains good progress throughout.

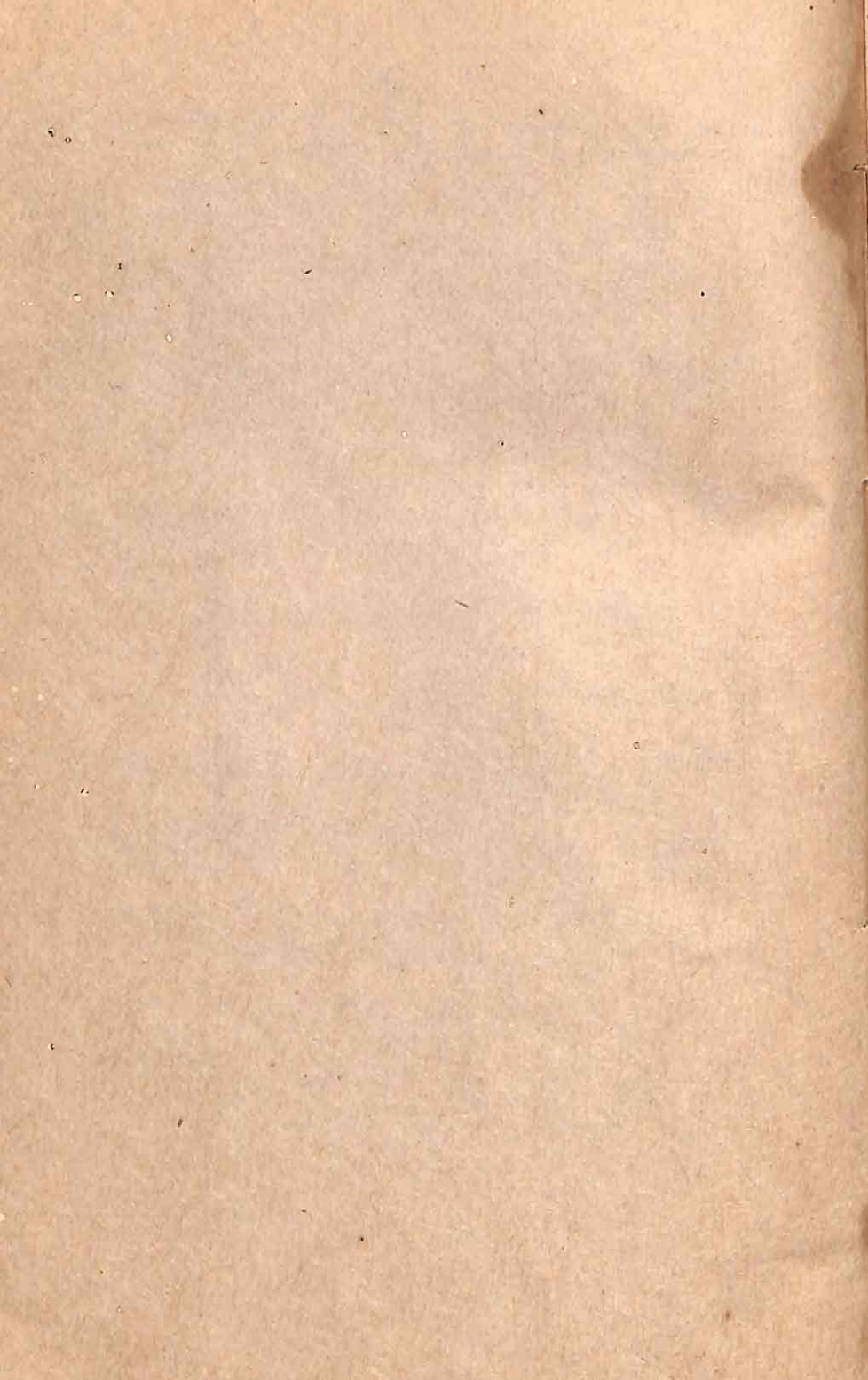
### **Miscellaneous Scholarships by Himachal Pradesh Govt.**

Provision has been made by certain Departments in the Third Plan period for the award of a number of Scholarships to deserving students for higher technical education in institutions



outside this Union Territory. Details of some important scholarships awarded by the various Departments are as follows :—

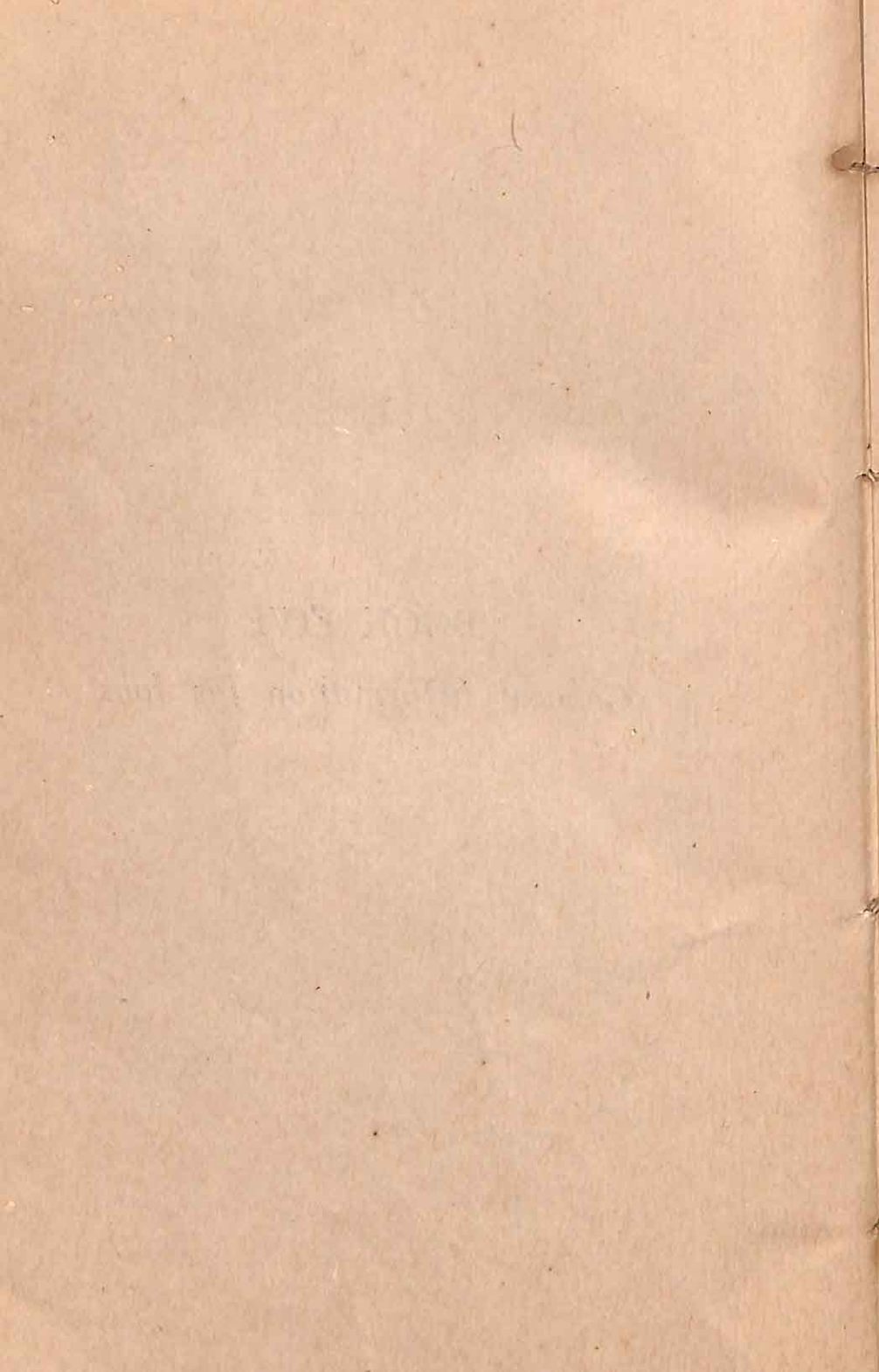
<i>Department</i>	<i>Course</i>	<i>Scholarship Rate p.m.</i>	<i>Duration (years)</i>
		Rs.	
Public Works	Degree (Eng.)	60.00	4
	Diploma (Eng.)	40.00	3
	Draftsman	25.00	2
Education	B.E.	60.00	4
	Diploma (Eng.)	40.00	3
	M.B. B.S.	50.00	5
	B.Sc. (Agri.)	75.00	4
	B.V. Sc.	50.00	4
Medical	M.B. B.S.	75.00	5½
	Sanitary Inspector	50.00	1
	Lady Health Visitor	25.00 (H.P.)	2½
		50.00 (GOI)	
	Staff Nurse	100.00	3
Industries	Wood Working	50.00	3
Animal Husbandry	B.V. Sc.	80.00	4
	B.Sc. (Dairy)	150.00	3
Agriculture	B.Sc.	50.00	4
	B.Sc. (Post Grad.)	100.00	2
	B.V. Sc.	60.00	5
Forestry	Senior Forest Service	Total of 14,000.00	2





BOOK FIVE

*General Information for Jobs*





**(A) LIST OF REPUTED INDIAN COMPANIES**

- A.C.C. Ltd., 121 Queen's Road, Bombay-1.  
Alembic Chemical Works Co. Ltd., Baroda.  
Allied Photographics Ltd., Kasturi Bldg., J. Tata Road, Bombay-1.  
Amrutanjan Ltd., Madras.  
Atlantis (East) Ltd., 41, Chowringhee Road, Calcutta-16.  
Bajaj Electricals Ltd., 45, Vir Nariman Road, Bombay-1.  
Bata Shoe Co. Ltd., 30, Theatre Road, Calcutta-16.  
Beecham (Ind.) Pt. Ltd., Beecham House, Mahim, Bombay-16.  
Binny & Co. (Madras) Ltd., Madras.  
Bird & Co. Pt. Ltd., Chartered Bank Bldgs., Calcutta-1.  
Birla Brothers Pt. Ltd., 15, India Exchange Place, Calcutta-1.  
Blackwood Hodge (India) Pt. Ltd., 139, Beliaghata Road, Calcutta-15.  
(The) Britannia Biscuit Co. Ltd., 15, Taratola Road, Calcutta-53.  
British Drug Houses (India) Pt. Ltd., Imperial Chemical House, Graham Road, Bombay-1.  
Brooke Bond India Pt. Ltd., 2, Metcalfe Street, Calcutta-13.  
Burmah Shell Oil Storage & Distributing Co. of India Ltd.  
Burman Shell House, Ballard Estate Bombay-1.  
(The) Cement Marketing Co. of India Pt. Ltd., 121, Queens' Road Bombay.  
Colgate Palmolive (India) Pt. Ltd., Steelcrete House, D. Vancha Road, Bombay.  
Corn Products (India) Ltd., Shreeniwas House, Waudby Road, Bombay.  
Delhi Cloth & General Mills Co. Ltd., Delhi-6.  
Dunlop Rubber Co. (India) Ltd., 57B, Free School St., Calcutta-16.  
Parry & Co. Ltd., Madras.  
Escorts Ltd. New Delhi.  
Esso, 17, J. Tata Road, Bombay.  
Firestone Tyre & Rubber Co. of India Ltd., Hay Bdr Road, Bombay-15.  
General Radio & Appliances Pt. Ltd., Opera House, Bombay-4.  
General Electric Co. of India (P) Ltd., 6, C.R. Avenue, Calcutta-13.  
Geoffery Manners & Co. Ltd., Magnet House, Ballard Estate, Bombay.

- Glaxo Laboratories (India) Pt. Ltd., Worli Road, Bombay.
- Gillanders Arbuthnot & Co. Ltd., Gillander House. N.S. Road, Calcutta-1.
- Golden Tobacco Co. Pt. Ltd., Tobacco House, Ghodbunder Rd., Bombay.
- (The) Gramophone Co. Ltd., 33, Jessore Road, Dum Dum, Calcutta-28.
- Hindustan Lever Ltd., Hindustan Lever House, Backbay Reclm, Bombay.
- Imperial Chemical Industries (India) Pt. Ltd., 34, Chowringhee, Calcutta-16.
- The Imperial Tobacco Co. of India Ltd., Virginia House, 37, Chowringhee, Calcutta-16.
- Indian Oxygen Ltd., 48/1, Diamond Harbour Road, Calcutta-27.
- J.B. Mangha Ram & Co. Gwalior.
- Jay Engg. Works Ltd., 183 A, Prince Anwarshah Road, Calcutta-31.
- Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Bldg., Ballard Estate, Bombay.
- Killick Industries Ltd., Killick House, Home St., Bombay.
- Kodak Ltd., Kodak House, D. Naoroji Road, Bombay-1.
- Kusum Products Ltd., Bombay Mutual Bldg, 9, Brabourne Road, Calcutta.
- Larsen & Toubro Ltd., I.C. House, Dougall Road, Bombay-1.
- Lipton India Ltd., 9, Weston Street, Calcutta-13.
- Mafatlal Gagalbai & Co. Pvt. Ltd., Mafatlal House, Backbay Reclm, Bombay-1.
- Mahindra and Mahindra Ltd., Gateway Bld., Apollo Bdr, Bombay-1.
- May and Baker (India) Pvt. Ltd., Karimji House, P. Mehta Road, Bombay-1.
- Martin & Harris Pt. Ltd., Mercantile Bldgs; Lall Bazar, Calcutta-2.
- The Metal Box Co. of India Ltd., Barlow House, Chowringhee, Calcutta.
- Muller & Phipp (India) Pt. Ltd., Queens Mansions, Bastion Rd., Bombay.
- Murphy Radio of India Ltd., Bombay.
- National Tobacco Co. of India Ltd., Old Court House Corner, Calcutta-1.
- New Shorrocks Spg. & Mfg. Co. Ltd., Gobind Chowk, M.J. Mkt, Bombay-2.
- Nicholas of India Ltd., Haines Road. Bombay-18.
- Orient General Industries Ltd., Calcutta.
- Parle Products Mfg. Co. Pt. Ltd., Thakersey House, Graham Rd. Bombay-1.
- Philips India Ltd., Philips House, 7 Justice Chandra Madhab Rd., Calcutta-20.
- Polson Ltd., 65 B, Dockyard Road, Bombay-10.
- Premier Auto Electric Ltd., 69, Tardeo Road, Bombay-34.



- Premier Automobiles Ltd., Construction House, Ballard Estate, Bombay-1.  
 Remington Rand of India Ltd., Remington House, 3 Council House St., Calcutta.  
 Roneo Ltd., 13 Mission Row, Calcutta-1.  
 Sahu Jain Ltd., 13, Clive Row, Calcutta-1.  
 Sathe Biscuit & Chocolate Co. Ltd., Poona.  
 Sen Raleigh Ltd., Mercantile Bldgs, Lalbazar St., Calcutta-3.  
 Shalimar Paints Ltd., Goabaria, How, Calcutta-3.  
 S.N. Sunderson & Co., New Delhi.  
 Standard Batteries Ltd., Vakola, Bombay-55.  
 T.V. Sundaram Iyengar & Sons Pt. Ltd., Madras.  
 Tata-Fison Pt. Ltd., Bombay House, 24 Bruce St., Bombay.  
 Tata Industries Pt. Ltd., Bombay House, 24 Bruce St., Bombay.  
 Tata Iron & Steel Co. Ltd., 3-B, Netaji Subhash Road, Calcutta.  
 Tata Oil Mills Co. Ltd., Bombay House, 24 Bruce St., Bombay.  
 Titaghur Paper Mills Co. Ltd., Titaghur, Calcutta.  
 T.I. Cycles of India, Ambattur (Madras).  
 Voltas Ltd., Strand House, Graham Road, Bombay-1.  
 (The) West Coast Paper Mills Ltd., Shreeniwas House, Wandby Road, Bombay.  
 Jaipuria Group of Industries 33, N.S. Road, Calcutta-1.  
 Martin Burn Ltd., Martin Burn House, 12 Mission Row, Calcutta-1.

## (B) LIST OF SOME SEMI-GOVERNMENT ORGANISATIONS

- All India Handicrafts Board, Willingdon Crescent, New Delhi.  
 Bharat Sewak Samaj, Theatre Communication Bldg., Connaught Circus, New Delhi.  
 All India Radio, Parliament Street, New Delhi.  
 Central Social Welfare Board, Jeevan Deep Bldg., Parliament Street, New Delhi.  
 Indian Airlines Corporation, 113, Gurdwara Rakabganj Road, New Delhi.  
 Indian Council For Cultural Relations, Azad Bhawan, Indraprastha Estate, New Delhi.  
 Indian Standards Institution, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi-1.  
 Indian Red Cross Society, 1, Red Cross Road, New Delhi.  
 Life Insurance Corporation of India, Yogakshema Foreshore Road, Bombay.  
 State Trading Corporation of India, Bahadur Shah Zafar Marg New Delhi-1.  
 Supreme Court of India, New Delhi.  
 Union Public Service Commission, Dholpur House, New Delhi.  
 University Grants Commission, Bahadur Shah Zafar Marg, New Delhi-1.  
 All India Fine Arts & Crafts Society, Rafi Marg, New Delhi.

- Central Water and Power Commission, Bikaner House, Shah-jahan Road, New Delhi-11.  
 Indian Agricultural Research Institute, Pusa Institute, New Delhi.  
 India International Centre, 40, Lodi Estate, New Delhi-3.  
 Indian Institute of Astronomical & Sanskrit Research, 2239, Gurdwara Road, Karol Bagh, New Delhi.  
 All India Handloom Board, Lok Kalyan Bhawan, 11A, Rouse Avenue Lane, New Delhi-1.  
 Indian Council of World Affairs, Sapru House, Barakhamba Road, New Delhi-2.  
 Indian School of International Studies, Sapru House, New Delhi-1.

### (C) LIST OF BANKS

- Allahabad Bank Ltd., 14, India Exchange Place, Calcutta-1.  
 Bank of America.  
 Bank of Baroda Ltd., Baroda.  
 Bank of Jaipur.  
 (The) Bank of India Ltd., 70, Mahatma Gandhi Road, Bombay.  
 Central Bank of India Ltd., Mahatma Gandhi Road, Bombay.  
 (The) Chartered Bank.  
 Commercial Bank of India Ltd.  
 Hindustan Commercial Bank Ltd.  
 Hindustan Mercantile Bank Ltd.  
 Indian Bank Ltd.  
 Indian Overseas Bank Ltd.  
 Lakshmi Commercial Bank Ltd., H. Block, Connaught Circus, New Delhi.  
 Laxmi Bank Ltd.  
 Lloyds Bank Ltd.  
 Mercantile Bank Ltd.  
 Narang Bank of India Ltd.  
 National Bank of Lahore Ltd., 2/3619, Darya Ganj, Delhi.  
 National & Grindlays Bank Ltd.  
 New Bank of India Ltd., Janpath, New Delhi.  
 (The) Oriental Bank of Commerce Ltd., Thapar Bldg., Naya Bazar, Delhi.  
 Punjab National Bank Ltd., Parliament Street, New Delhi-1.  
 Reserve Bank of India, 8, Council House St., Calcutta-1.  
 State Bank of India, Bank Street, Bombay-1.  
 State Bank of Patiala.  
 Union Bank of India Ltd., Dalal St., Bombay.  
 United Bank of India Ltd., 4, Clive Ghat Street, Calcutta-1.  
 United Commercial Bank Ltd., Brabourne Road, Calcutta.  
 Bank of Bihar Ltd.  
 British Bank of the Middle East, 1, Royal Exchange Place, Calcutta-1.



Canara Banking Corporation Ltd., 3/1/2 Armenian Street,  
Calcutta-1.  
Devkaran Nanjee Banking Co. Ltd.  
(The) Eastern Bank Ltd.

## (D) INSURANCE COMPANIES

Alliance Assurance Co. Ltd.  
Anand Insurance Co. Ltd.  
Bharat General Reinsurance Ltd.  
British India General Insurance Co. Ltd.  
Commercial Union Assurance Co. Ltd.  
Eagle Star Insurance Co. Ltd.  
General Assurance Society Ltd.  
Great American Insurance Co.  
Hindustan General Ins. Society Ltd.  
Indian Insurance Coys. Association Pool.  
Indian Mutual Genl. Ins. Society Ltd.  
Indian Trade & General Ins. Co. Ltd.  
Insurance Association of India.  
Jupiter General Ins. Co. Ltd.  
Life Insurance Corporation of India.  
Union Fire Accident and General Insurance Co. Ltd.  
Motor Owners Ins. Co. Ltd.  
National Employers Mutual Genl. Ins. Ass. Ltd.  
National Insurance Co. Ltd.  
New Asiatic Insurance Co. Ltd.  
New Great Ins. Co. of India Ltd.  
New India Assurance Co. Ltd.  
New Zealand Insurance Co. Ltd.  
Northern India Motor Owners Insurance Co. Ltd.  
Ocean Accident & Guarantee Corporation Ltd.  
Oriental Fire & General Ins. Co. Ltd.  
Prachi Insurance Co. Ltd.  
Provincial Insurance Co. Ltd.  
Royal Exchange Assurance.  
Ruby General Insurance Co. Ltd.  
South India Insurance Co. Ltd.  
Sterling General Insurance Co. Ltd.  
Sun Insurance Office Ltd.  
Switzerland General Insurance Co. Ltd.  
Union Assurance Society Ltd.  
Union Cooperative Insurance Society Ltd.  
United Scottish Insurance Co. Ltd.  
Universal Fire & General Insurance Co. Ltd.  
Vanguard Insurance Co. Ltd.  
Vulcan Insurance Co. Ltd.  
Zenith Assurance Co. Ltd.

**(E) LIST OF NEWSPAPERS**

Statesman, Calcutta & Delhi.  
 Hindustan Times, New Delhi.  
 Times of India, Bombay & Delhi.  
 Indian Express, Delhi.  
 Mail, Madras.  
 Tribune, Ambala.  
 Amrit Bazar Patrika, Calcutta.  
 Leader, Allahabad.  
 Hindu, Madras.  
 Free Press Journal, Bombay.  
 Hindusthan Standard (Weekly), Calcutta.  
 Illustrated (Weekly), Bombay.  
 Blitz, Bombay.  
 My Magazine, Madras.  
 Modern Review, Calcutta.  
 The Onlooker, Bombay.  
 Shankar's Weekly, Delhi.  
 Indian Onlooker, Bombay.  
 Navbharat Times (Hindi).  
 Hindustan                   "       ] Delhi

**(F) LIST OF ORDNANCE FACTORIES**

Metal and Steel Factory, Ishapore.  
 Rifle Factory, Ishapore.  
 Gun and Shell Factory, Cossipore.  
 Ammunition Factory, Kirkee.  
 Ordnance Factory, Ambarnath.  
 Gun Carriage Factory, Jubbulpore.  
 Ordnance Factory, Katni.  
 Ordnance Factory, Kanpur.  
 Ordnance Factory, Muradnagar.  
 Ordnance Factory, Dehra Dun.  
 Cordite Factory, Arvankadu.  
 Small Arms Factory, Kanpur.  
 Harness & Saddlery Factory, Kanpur.  
 Clothing Factory, Shahjahanpur.  
 Ordnance Parachute Factory, Kanpur.  
 Ordnance Factory, Wadala, Bombay.  
 Ordnance Factory, Bhusaval, Maharashtra.



## (G) LIST OF EMBASSIES IN NEW DELHI

- Afghanistan Embassy, 24 Ratendone Road, New Delhi-11.  
 American Embassy, Shanti Path, Ch. Puri, 21.  
 Argentina Embassy, 137 A, Jor Bagh, New Delhi-3.  
 Austria, Nayaya Marg, Ch. Puri-21.  
 Belgium, 7, Golf Links, N. Delhi-3.  
 Brazil Chancery, 8, Aurangzeb Rd. New Delhi-11.  
 Burma, 3/50 F, Ch-Puri-21.  
 Cambodia, 25, Golf Links-3.  
 Chile, 51, Golf Links-3.  
 China, The People's Republic of, Jind House, Lytton Road.  
 New Delhi-11.  
 Cuba, 40, Ratendone Road-11.  
 Czechoslovakia, 45, Sunder Nagar.  
 Denmark, 6, Golf Links-3.  
 Ethiopia, 22, Prithvi Raj Rd.-11.  
 Finland, 43A, Prithvi Raj Road.  
 France, 2 Aurangzeb Road-11.  
 Germany, Federal Republic of 6/50 G. Shanti Path, Ch. Puri-21.  
 Greece Chancery, 123, Ashoka Hotel-21.  
 Hungarian Peoples Republic, 15, Jor Bagh.  
 Indonesia, The Republic of, 50-A, Ch. Puri-21.  
 Iran, Hailey Road-1.  
 Iraq, 21, Prithvi Raj Road-11.  
 Italy, 7, J. Bagh-3.  
 Japan Chancery, Plot 4 Block 50-G, Ch. Puri-21.  
 Laos, Royal Embassy of Laos, 188A, Jor Bagh.  
 Mexico, 136, Golf Links.  
 Monaco, 14/15 F, Con. Place.  
 Mongolian Peoples Republic, 21 Panch Sheel Marg, Ch. Puri.  
 Morocco, 199, Jor Bagh-3.  
 Nepal, Barakhamba Road-1.  
 Netherlands Chancery, 4 Ratendone Rd. 11.  
 Norway, Kotalya Marg, Ch. Puri.  
 Philippines, Thapar House, Janpath-1.  
 Poland, 22, Golf Links-3.  
 Saudi Arabia, 6, Tilak Marg.  
 Spain, 12, Prithvi Raj Road-11.  
 Sudan, 147, Sunder Nagar-11.  
 Sweden, Nyaya Marg, Ch. Puri-21.  
 Switzerland, Nyaya Marg, Ch. Puri.  
 Syrian Arab Republic, 30/48, Panch Sheel Marg, Ch. Puri.  
 Thailand, Royal Thai Embassy, 56 N, Nyaya Marg Ch. Puri-21.  
 Turkey, 27, Jor Bagh-3.  
 United Arab Republic, 26, Jor Bagh.  
 U.S.S R., Shanti Path, Ch. Puri.  
 Viet Nam, Democratic Republic of 62, Golf Links-3.  
 Vietnam, Republic of, 147, Jor Bagh-3.  
 Yugoslavia, 13, Sunder Nagar-11.

**High Commissions :**

Australia, 9/48, Sardar Patel Rd., Ch. Puri.  
 Canada, 4, Aurangzeb Road 11.  
 Ceylon, Chancery, 224, Jor Bagh-3.  
 Ghana, 2, Golf Links-3.  
 Malaysia, 143, Sunder Nagar.  
 Nigeria 5, Golf Links-3.  
 Pakistan, Sher Shah Mess-11.  
 U.K., Ch. Puri.

**Information Centres :**

United States Information Centre, Bahawalpur House, New Delhi.  
 British Council, 21, Jor Bagh.  
 CARE, Jorbagh, New Delhi.  
 Ford Foundation, 32, Ferozeshah Road, New Delhi.  
 Rockefeller Foundation, 23/39, Chanakya Puri, New Delhi.  
 United States Educational Foundation in India, Hailey Road,  
 New Delhi.  
 United Nations Information Centre, 21 Curzon Road, New Delhi.  
 United Nations Children Fund, 11, Jor Bagh, New Delhi.  
 United Nations Technical Assistance Board, 21, Curzon Road,  
 New Delhi.  
 UNESCO, Ring Road, South Extension Area, New Delhi.  
 World Health Organisation, Indraprastha Estate, New Delhi.



### (A) FOR FURTHER INFORMATION

- Regarding U.P.S.C. exams. write to the Secretary, U.P.S.C., Dholpur House, New Delhi.
- Regarding Public Service Commission exams. of any State write to the Secretary of the State Public Service Commission.
- Regarding Armed Forces contact the nearest recruiting centre.
- Regarding any vocational training contact the nearest Employment Exchange or write to D.G.R. & E. Ministry of Labour or Director of Industries or All India Council of Technical Education or Director of Rehabilitation.
- Regarding information about Ordnance Factories write to Director General of Ordnance Factories, 6, Esplanade East, Calcutta.
- Regarding information about Public Health and Medical Occupations write to Director of Health Services of your State or Nurses Registration Council of your State or Pharmacy Council of India.
- Information regarding Community Development can be had from Development Commissioner of your State.
- For Teachers Training after Matric contact Director of Public Instruction of your State.
- For Cooperation Training contact your Regional Cooperation Training Centre.
- Regarding Extension Service Programme of Community Development contact nearest Extension Training Centre. The list is given in the chapter Careers in Community Development.

### For Setting up any Industry Contact

- Small Industries Service Institute.  
Khadi & Village Industries Commission.

### For Financial Help

- (i) Director of Small Industries of every State.
- (ii) Additional Registrar for Industrial Cooperatives.
- (iii) Director of Industries of your State.

## Books for Further Information

'Recruitment to the Armed Forces' by the Publications Division, Ministry of Information & Broadcasting, Old Secretariat, Delhi.

Free literature available about recruitment to Armed Forces from the Recruiting Officers of Army, Navy and Air Force.

'Careers in Community Project' issued by D.G.R.E. Ministry of Labour, New Delhi.

'Railway Careers' by Ministry of Railways (Rly. Board) Govt. of India, New Delhi.

'General Information for Indian Students going Abroad' by Ministry of Education, Govt. of India.

'Home Science in Colleges and Universities in India' by Ministry of Education.

'Dairy Development' by the Publication Division.

Handbooks and Pamphlets of Training facilities. 'Guide to Careers' published by D.G.R.E. on each vocation.

'Directory of Institutions for Higher Education' by Ministry of Education, Government of India.

'Technical Education in India Today' published by Ministry of Scientific Research & Cultural Affairs, Govt. of India.

Careers in the Building Industry ; Engineering ; Agriculture ; Forestry and Fisheries ; Accountancy ; Careers for University Graduates ; Careers for Medical Graduates etc. published by Y.M.C.A. Publishing House Calcutta-16.

After Inter-Science what ? Issued by the National Employment Service, Govt. of India, Ministry of Labour and Employment (D.G.R. & E.)

'National Apprenticeship Training Scheme' ; and 'National Apprenticeship Scheme' issued by the D.G.R. & E.

'Craftsman Training Schemes' issued by D.G.R. & E.

'Training for Employment' issued by D.G.R. & E.

'Training Facilities in Delhi' issued by Directorate of Employment & Training, Saraswati House, Connaught Place, New Delhi.

'Educational and Training Facilities for Delhi Youths' issued by D.G.R. & E.

'Careers On The Railways' and other pamphlets published by Government of Bombay Vocational Guidance Bureau.

*Note :—*Most of the above mentioned publications are priced publications which can be had from Publications Division, Sale Section ; or Kitab Mahal, Connaught Place, New Delhi. For private publications write directly to the Publishers.



## (B) ABBREVIATIONS USED IN THE BOOK

Agri.	Agriculture
Arch.	Architecture
Cert.	Certificate
Anct.	Ancient
Bldg.	Building
Chemi.	Chemical
Civ.	Civil
Comm.	Communication
Deptt.	Department
Dip.	Diploma
Elec.	Electrical
Engg.	Engineering
Engrs.	Engineers
Exams.	Examinations
Expt.	Experiment
G.O.I.	Government of India
Govt.	Government
His.	History
Instit.	Institute
Lab.	Laboratory
Ind.	Indian
I.Sc.	Inter Science
Lib. Sc.	Library Science
Org.	Organic
Math.	Mathematics
Mech.	Mechanical
Met.	Metallurgy
Pt.	Private
P. & T.	Post and Telegraph
Rd.	Road
Res.	Research
Rly.	Railway
Sc.	Science
Skt.	Sanskrit
St.	Street
Stn.	Station
Text.	Textile
Uni.	University
Veg.	Vegetable
Vet. Sc.	Veterinary Science
Yrs.	Years
Zo.	Zoology.

## IMPORTANT NOTE

(1) Suggestions and corrections for the improvement of this book are most welcome. If the name of any Institution for any particular course is left out, or if any new Institution is set up, it should be sent at once for inclusion in this book in the next edition.

(2) The Pay Scales mentioned against certain jobs in the book are *old* Pay Scales which have been revised now. In the next Edition *new* Pay Scales will be given. However, if any person will like to write about the *new* Pay Scales of any particular job, it will be very helpful and so most welcome.



